

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒

GAS
WELL ☐

OTHER ☐

SINGLE
ZONE ☐

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Equitable Resources Energy Company, Balcron Oil Division

3. ADDRESS OF OPERATOR

1601 Lewis Avenue; Billings, MT 59102

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

NW SE Section 22, T8S, R17E

2295' FSL, 1619' FEL

At proposed prod. zone

5. LEASE DESIGNATION AND SERIAL NO.

U-67845

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

n/a

7. UNIT AGREEMENT NAME

n/a

8. FARM OR LEASE NAME

Monument Federal

9. WELL NO.

#33-22-8-17

10. FIELD AND POOL, OR WILDCAT

Pariette Draw/Green River

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

Sec. 22, T8S, R17E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

From Myton, Utah, approximately 12.7 miles SW

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any)

16. NO. OF ACRES IN LEASE

19. PROPOSED DEPTH

6,350'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

GL 5130'

22. APPROX. DATE WORK WILL START*

March 1, 1996

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See attached Drilling Program/Casing Design				

Operator proposes to drill this well in accordance with the attached EXHIBITS. A listing of EXHIBITS is also attached. As operator, we hereby request that the status of this well be held tight in accordance with Federal and State regulations.

SELF CERTIFICATION: I hereby certify that I am authorized, by proper lease interest owner, to conduct these operations associated with the application. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Equitable Resources Energy Company as principal and Safeco Insurance Company of America as surety under BLM Bond No. MT 0576 (Nationwide Oil & Gas Bond #5547188) who will be responsible for compliance with all of the terms and conditions of that portion of the lease associated with this application.

ORIGINAL: Bureau of Land Management (Vernal, UT)
COPY: Utah Division of Oil, Gas and Mining

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED Bobbie Schuman

TITLE Regulatory and
Environmental Specialist

DATE December 14, 1995

(This space for Federal or State office use)

PERMIT NO. 43-013-31588

APPROVAL DATE

APPROVED BY J. J. Matthews

TITLE Section Engineer

DATE 3/25/96

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

EQUITABLE RESOURCES ENERGY CO.

N89°51'W - 79.96 (G.L.O.)

WELL LOCATION, FEDERAL #33-22-8-17,
LOCATED AS SHOWN IN THE NW 1/4 SE 1/4
OF SECTION 22, T8S, R17E, S.L.B.&M.
DUCHESE COUNTY, UTAH.

N0°02'W (G.L.O.)

22

WELL LOCATION:
FEDERAL #33-22-8-17

ELEV. UNGRADED GROUND = 5129.6'

2295.3'
(Computed)

1618.9'

N 35° 11' 45" W - 2809.6

N0°00'58"W - 2640.10' (Measured)

N0°01'W (G.L.O.) Basis of Bearings
2644.77' - Measured

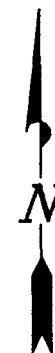
N89°58'W - 80.00 (G.L.O.)



= SECTION CORNERS LOCATED

BASIS OF BEARINGS: G.L.O. DATED 1910

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (PARIETTE DRAW SW)



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF

GENE STEWART
REGISTERED LAND SURVEYOR
REGISTRATION NO. 1044022
STATE OF UTAH

TRI STATE LAND SURVEYING & CONSULTING

38 WEST 100 NORTH - VERNAL, UTAH 84078
(801) 781-2501

SCALE: 1" = 1000'

SURVEYED BY: S.S.

DATE: 10-17-95

WEATHER: FAIR

NOTES:

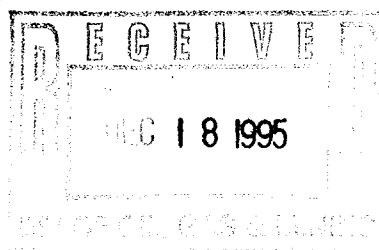
FILE #



**EQUITABLE RESOURCES
ENERGY COMPANY**

BALCRON OIL DIVISION

1601 Lewis Avenue
Billings, MT 59102



Office: (406) 259-7860

FAX: (406) 245-1365 ☐

FAX: (406) 245-1361 ☒

December 14, 1995

-- VIA FEDERAL EXPRESS --

Bureau of Land Management
170 South 500 East
Vernal, UT 84078

Gentlemen:

RE: Monument Federal #33-22-8-17
NW SE Section 23, T8S, R17E
Duchesne County, Utah

Enclosed is our Application for Permit to Drill the referenced well.

As operator, we request that the status be held tight in accordance with Federal regulations.

If you have any questions or need additional information, please give me a call at (406) 259-7860, extension 240.

Sincerely,

Bobbie Schuman
Regulatory and
Environmental Specialist

/hs

Enclosure

cc: Utah Division of Oil, Gas and Mining

EXHIBITS

- A PROPOSED DRILLING PROGRAM
- B PROPOSED SURFACE USE PROGRAM
- C GEOLOGIC PROGNOSIS
- D DRILLING PROGRAM/CASING DESIGN/WELLBORE DIAGRAM
- E HAZMAT DECLARATION
- F EXISTING & PLANNED ACCESS ROADS (MAPS A & B)
- G WELLSITE LAYOUT
- H BOPE SCHEMATIC
- I EXISTING ROADS (MAP C)
- J PROPOSED PRODUCTION FACILITY DIAGRAM
- K SURVEY PLAT
- L LAYOUT/CUT & FILL DIAGRAM

11/30/95
/rs

CONFIDENTIAL

**AS OPERATOR, WE HEREBY REQUEST THAT THE STATUS OF THIS
WELL BE HELD TIGHT FOR THE MAXIMUM PERIOD ALLOWED BY
FEDERAL AND STATE REGULATIONS.**

Equitable Resources Energy Company,
Balcron Oil Division
1601 Lewis Avenue
Billings, MT 59102
(406) 259-7860

PROPOSED DRILLING PROGRAM

EQUITABLE RESOURCES ENERGY COMPANY

Balcron Oil Division

Monument Federal #33-22-8-17

NW SE Section 22, T8S, R17E

Duchesne County, Utah

In accordance with requirements outlined in 43 CFR 3162-3.1 (d):

1. ESTIMATED IMPORTANT GEOLOGICAL MARKERS:

See Geologic Prognosis (EXHIBIT "C")

2. ESTIMATED DEPTHS OF ANTICIPATED OIL, GAS OR WATER:

See Geologic Prognosis (EXHIBIT "C")

3. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

- a. EXHIBIT "H" is a schematic of the BOP equipment and choke manifold. A 2M system will be used. The BOPE will be installed after setting 8-5/8" casing at 260'. The blind rams and pipe rams will be tested to 1500 psi. Pipe rams will be operationally checked each 24-hour period and blind rams each time pipe is pulled out of the hole.
- b. The BOPE will be tested to 1500 psi when initially installed, whenever any seal subject to test pressure is broken, and following related repairs. The pipe and blind rams will be activated at least weekly and on every trip the pipe and blind rams will be activated.
- c. An accumulator of sufficient capacity to open the hydraulically-controlled choke valve lines (if so equipped), close all rams, and retain a minimum of 200 psi above precharge on the closing manifold without the use of the closing unit pumps will be installed during the drilling of this well.
- d. An upper kelly cock will be used during the drilling of this well.

- e. Visual mud monitoring equipment will be used to detect volume changes indicating loss or gain in circulating fluid volume.
- f. Sufficient quantities of mud materials will be maintained or readily accessible for the purpose of assuring well control.

4. PROPOSED CASING AND CEMENTING PROGRAM:

- a. Surface casing will be set in the Uinta formation to approximately 260' and cemented to surface.
- b. All potentially productive hydrocarbon zones will be isolated.
- c. Casing designs are based on factors of burst: 1.00, collapse: 1.125, and joint strength: 1.8.
- d. All casing strings will be pressure tested to 0.22 psi/ft. of casing string length or 1500 psi whichever is greater (not to exceed 70% of yield).
- E. For details of casing, cement program, drilling fluid program, and proposed mud program, see the following attachment:

Drilling Program/Casing Design (EXHIBIT "D")

5. HAZARDOUS PRESSURES, TEMPERATURES, FLUIDS/GASSES EXPECTED:

- a. Expected bottom hole temperature is 125 degrees F. Expected bottom hole pressure is 1500 psi.
- b. No abnormal pressures or temperatures have been noted or reported in wells drilled to the Green River formation in this area.
- c. No dangerous levels of hydrogen sulfide, hazardous fluids, or gasses have been found, reported, or known to exist at the depth to be drilled in this well, in this area.

6. ANTICIPATED STARTING DATE AND DURATION OF OPERATIONS:

- a. The drilling operations for this well will begin as soon after APD approval as possible.

- b. These drilling operations should be completed within 12 days after spudding the well depending on weather and hole conditions.
- c. If the well is productive, a sundry notice and plat showing exact installed facilities will be submitted.
- d. If this well is non-productive, a sundry notice will be filed with the BLM District Office within 30 days following completion of the well for abandonment.

7. OTHER

- a. Operator requests a variance to regulations requiring a straight run blooie line.
- b. Operator requests a variance to regulations requiring an automatic ignitor or continuous pilot light on the blooie line.

SURFACE USE PROGRAM

EQUITABLE RESOURCES ENERGY COMPANY
Balcron Oil Division
Monument Federal #33-22-8-17
NW SE Section 22, T8S, R17E
Duchesne County, Utah

In accordance with requirements outlined in 43 CFR 3162.3-1 (d):

1. EXISTING ROADS:

- a. Proceed west from Myton, UT on Highway 40 for 1.6 miles to the intersection of Highway #40 and the Sand Wash Road. Turn left and proceed along the Sand Wash road 7.0 miles to a road intersection. Turn left and continue 3.8 miles to proposed access road sign. Follow flags 0.3 miles to location.
- b. Existing roadways need no improvements for these drilling operations.
- c. All existing roads used by these drilling operations will be maintained in the same or better condition as were existing prior to entry.
- d. See EXHIBIT "F" Maps A and B for access route.

2. PLANNED ACCESS ROADS: See EXHIBIT "F" Maps A & B

- a. Approximately 0.3 miles of new access is required.
- b. No gates, cattleguards, or fence cuts and/or modifications to existing facilities will be required.
- c. All travel will be confined to location and access routes.
- d. Width: Maximum 30' overall right-of-way with an 18' running surface.
- e. Maximum grade: < 8%
- f. Turnouts: None

- g. Drainage design: Low water crossing if necessary.
- h. No culverts or bridges are necessary.
- i. Surface materials: Any surface materials which are required will be native materials from the location and/or access site.
- j. All access roads and surface disturbing activities will conform to the standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, (1989).

The road shall be constructed/upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. This shall include ditching, draining, graveling, crowning, and capping the roadbed as necessary to provide a well-constructed safe road. If necessary prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Road drainage crossings will be of the typical dry creek draining crossing type. Crossings, if necessary, will be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading will not be done during muddy conditions. Should mud holes develop, they will be filled in and detours around them will be avoided.

- e. If a right-of-way is needed for access, please consider this Application for Permit to Drill as the application for right-of-way.

3. LOCATION OF EXISTING WELLS:

See EXHIBIT "I" Map C.

4. PROPOSED PRODUCTION FACILITIES DIAGRAM:

- a. Upon completion, a sundry notice and plat showing exact production facilities will be submitted.

- b. All above-ground facilities will be painted earthtone color Desert Brown #10Y/R in accordance with the Munsell Soil Color chart within six months of the well completion unless prior written approval to proceed with another alternative has been granted via Sundry Notice.
- c. See EXHIBIT "J" for the Proposed Production Facility layout.

5. LOCATION AND TYPE OF WATER SUPPLY:

- a. The drilling water source will be obtained from a private source owned by Joe Shields, Application #57708, Appropriation #47-1674, located in Section 15, T4S, R2W, Duchesne County UT.
- b. The drilling water will be hauled by truck to the location site.

6. CONSTRUCTION ROAD/LOCATION MATERIALS:

- a. Any construction materials which are required will be native materials from the location and/or access site.
- b. All construction materials for this location site and access road shall be borrowed material accumulated during the construction of the site and road. No additional construction material from other sources is anticipated at this time. If additional construction material is needed, it will be from an approved source.
- c. Reasonable precautions will be taken to protect all lands.

7. METHODS FOR HANDLING WASTE MATERIALS AND DISPOSAL:

- a. Garbage will be stored in a dumpster and disposed of according to local and state regulations, at an approved facility. Disposal will not be allowed on location. No trash will be disposed of in the reserve pit.
- b. Fluids produced during the completion operation will be collected in test tanks. Any spills of oil, gas, salt water or other noxious fluids will be cleaned up and hauled to an approved disposal site. Burning will not be allowed.

- c. The reserve pit will be lined. If a plastic nylon reinforced liner is used, it will be torn and perforated before backfilling of the reserve pit.
- d. Saltwater or testing tanks will be located and/or diked so that any spilled fluids will flow into the reserve pit. Saltwater tanks will not be placed on topsoil stockpiles.
- e. Any produced water will be contained on site for a period not to exceed 90 days.
- f. Sewage will be disposed of according to county and state requirements. Sealed chemical portable toilets will be on location during these drilling operations. Waste and chemicals will not be disposed of on location.
- g. Cuttings will be deposited in the reserve pit.

8. ANCILLARY FACILITIES:

None anticipated.

9. LOCATION SITE LAYOUT:

- a. The proposed location site and elevation plat is shown on EXHIBIT "K".
- b. The drill pad layout, showing elevations, orientation, and access to the pad is shown on EXHIBIT "L".
- c. The drilling rig facilities layout is shown on EXHIBIT "G". No permanent living facilities are planned. There will be two or three trailers on location during drilling operations.
- d. The reserve pit and the blooie pit will be constructed as a combination pit capable of holding 12,000 bbls of fluid. The size of the pit will be approximately equivalent to four times the TD hole volume. The blooie pit might be used for testing, but only after the drilling is completed and the drilling equipment and personnel are off the location.
- e. The reserve pit will be located on the South side of the location.

- f. If needed, flare pit will be located downwind of the prevailing wind directions a minimum of 100' from the wellhead and 30' from the reserve pit fence.
- g. Stockpiled topsoil (first 6 inches) will be stored on the Northwest side at corner 8.
- h. Access to the wellpad will be from the East at corner 3.
- i. The reserve pit will be constructed long and narrow to avoid a buried waterline.
- j. All pits will be fenced according to the following minimum standards:
 - a. 39-inch net wire will be used with at least one strand of barbed wire on top of the net wire unless pipe or some type of reinforcement rod is attached to the top of the entire fence.
 - b. The net wire shall be no more than 2 inches above the ground. If barbed wire it shall be 3 inches above the net wire. Total height of fence will be at least 42 inches.
 - c. Corner posts will be cemented and/or braced in such a manner to keep the fence tight at all times. Standard steel, wood, or pipe posts will be used between the cornerbraces. Maximum distance between any two posts will be no greater than 16'.
 - d. All wire will be stretched before it is attached to the corner posts.

The reserve pit will be fenced on three sides during drilling operations and on the fourth side when the rig moves off locations. Pits will be fenced and maintained until clean-up.

10. PLANS FOR RECLAMATION OF LOCATION SITE:

The BLM will be contacted prior to commencement of any reclamation operations.

Producing location:

- a. Immediately upon well completion, the location and surrounding areas will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.
- b. Immediately upon well completion, any hydrocarbons in the pit will be removed in accordance with 43 CFR 3162.7-1.
- c. A plastic nylon reinforced liner will be used, and it will be torn and perforated before backfilling of the reserve pit.
- d. The reserve pit and that portion of the location not needed for production facilities or operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 120 days from the date of well completion. Before any dirt work takes place, the reserve pit will have all fluids and hydrocarbons removed.

Dry hole/abandoned location:

At such time as the well is plugged and abandoned, operator will submit a subsequent report of abandonment and BLM will attach the appropriate surface rehabilitation conditions of approval.

11. SURFACE OWNERSHIP:

Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, UT 84078

12. OTHER INFORMATION:

- a. An Archeology Survey has been ordered and will be provided as soon as it is completed.
- b. If unexpected cultural resources are observed during construction or reclamation operations, Equitable Resources Energy Company's Balcron Oil Division will suspend operations in the vicinity of the discovery and immediately report the finding to the BLM District Office.
- c. Operator will have on site a copy of the Surface Use Program and a copy of the supplemental conditions.

- d. Drilling operations will be conducted in accordance with the Bureau of Land Management conditions of approval when received.
- e. If a silt catchment dam is necessary, it will be flagged by the BLM and have the location noted in the Conditions of Approval.

13. OPERATOR'S REPRESENTATIVES:

Equitable Resources Energy Company, Balcron Oil Division
1601 Lewis Avenue
Billings, Montana 59102
(8:00 a.m. to 5:00 p.m.)
(406) 259-7860
FAX: (406) 245-1361

[illegible]

Dale Griffin, Operations Supervisor Mobile: (801) 828-7291
Home: (801) 781-1018

14. CERTIFICATION:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that any statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Equitable Resources Energy Company's Balcron Oil Division and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

December 14, 1995
Date

Lobbie Schuman

Bobbie Schuman
Regulatory and Environmental
Specialist
Equitable Resources Energy
Company, Balcron Oil Division



EQUITABLE RESOURCES
ENERGY COMPANY
BALCRON OIL DIVISION

DRILLING PROGRAM

WELL NAME: Monument Federal #33-22-8-17
PROSPECT/FIELD: Pariette Draw
LOCATION: NE/SE Section 22 Twn.8S Rge.17E
COUNTY: Duchesne
STATE: Utah

DATE: 12-11-95

TOTAL DEPTH: 6350'

HOLE SIZE INTERVAL

12 1/4"	Surface to 260'
7 7/8"	260' to 6350'

CASING	INTERVAL		CASING		
STRING TYPE	FROM	TO	SIZE	WEIGHT	GRADE
Surface Casing	0'	260'	8 5/8"	24	J55
Production Casing	0'	6350'	5 1/2"	15.50	K55

CEMENT PROGRAM

Surface Casing	150 sacks class "G" with 2% CaCl and 1/4 lb/sack Flocele. (Cement will be circulated to surface.)
Production Casing	250 sacks Thrifty Lite and 400 sacks 50-50 Poz. (Actual cement volumes will be calculated from caliper log with cement top at 2000')

PRELIMINARY DRILLING FLUID PROGRAM

TYPE	FROM	TO	WEIGHT	PLAS. VIS	YIELD POINT
Air and Air Mist	0'	260'	N.A.	N.A.	N.A.
Air/Air Mist/KCl wtr	260'	T.D.	8.7-8.9	N.A.	N.A.

COMMENTS

1.) No cores or tests are planned for this well.

BALCRON OIL CO.

Operator: BALCRON OIL	Well Name: Federal 33-22-8-17
Project ID:	Location: Duchesne/Utah

Design Parameters:

Mud weight (9.00 ppg) : 0.468 psi/ft
 Shut in surface pressure : 2334 psi
 Internal gradient (burst) : 0.100 psi/ft
 Annular gradient (burst) : 0.000 psi/ft
 Tensile load is determined using air weight
 Service rating is "Sweet"

Design Factors:

Collapse : 1.125
 Burst : 1.00
 8 Round : 1.80 (J)
 Buttress : 1.60 (J)
 Body Yield : 1.50 (B)
 Overpull : 0 lbs.

Length (feet)	Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost		
1	6,350	5-1/2"	15.50	K-55	ST&C	6,350	4.825		
	Collapse Load Strgth S.F. (psi) (psi)			Burst Load (psi)	Min Int Strgth (psi)	Yield S.F.	Tension Load Strgth S.F. (kips) (kips)		
1	2969	4040	1.361	2969	4810	1.62	98.43	222	2.26 J

Prepared by : McCoskery, Billings, MT
 Date : 11-30-1995
 Remarks :

Minimum segment length for the 6,350 foot well is 1,500 feet.
 The mud gradient and bottom hole pressures (for burst) are 0.468 psi/ft and
 2,969 psi, respectively.

NOTE: The design factors used in this casing string design are as shown above. As a general guide-
 line, Lone Star Steel recommends using minimum design factors of 1.125 - Collapse (with
 evacuated casing), 1.0 - Burst, 1.8 - 8 Round Tension, 1.6 - Buttress Tension, and 1.5 - Body
 Yield. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and
 Kemler curve. Engineering responsibility for use of this design will be that of the purchaser.
 Costs for this design are based on a 1990 pricing model. (Version 1.0G)

EXHIBIT E

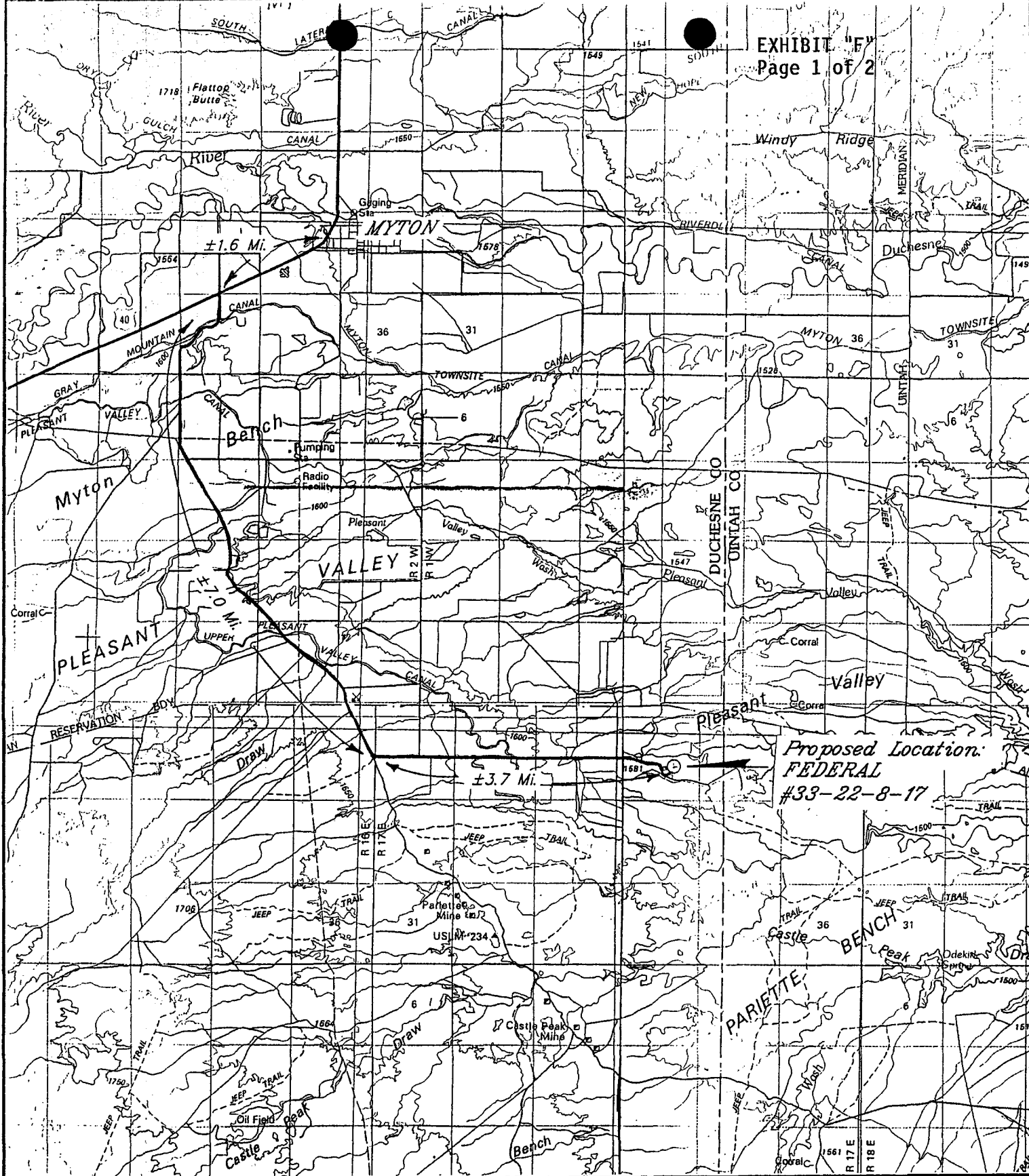
- A. Hazardous chemicals 10,000 pounds of which will most likely be used, produced, stored, transported, or disposed of in association with the proposed action of drilling, completing and producing this well:

We anticipate that none of the hazardous chemicals in quantities of 10,000 pounds or more will be associated with these operations.

- B. Extremely hazardous substances threshold quantities (per Howard Cleavinger 11/30/93) of which will be used, produced, stored, transported, or disposed of in association with the proposed action of drilling, completing and producing this well:

We anticipate that none of the extremely hazardous substances in threshold quantities per 40 CFR 355 will be associated with these operations.

12/1/93
Revised 12/7/93
/rs

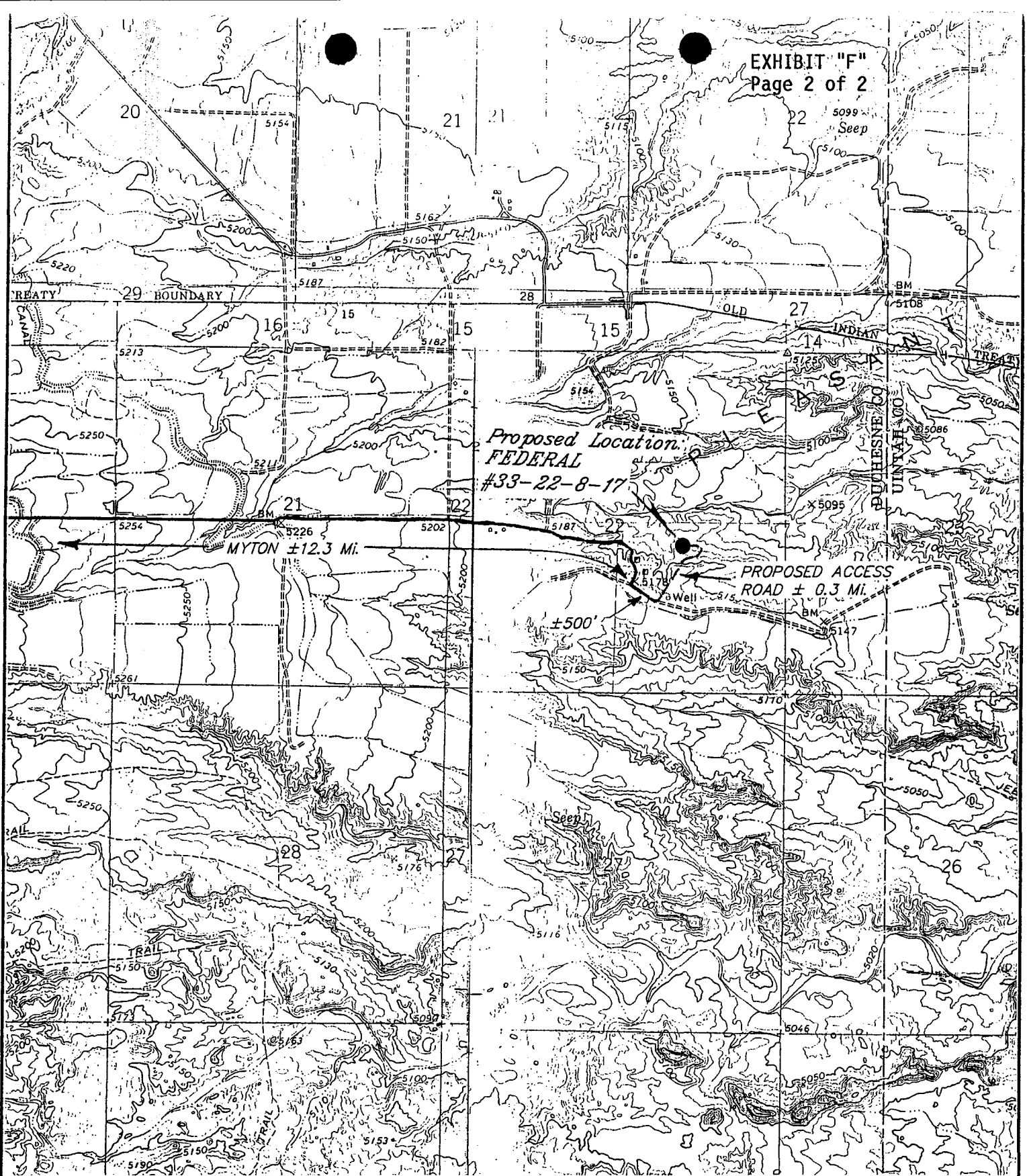


EQUITABLE RESOURCES CO.

FEDERAL #33-22-8-17
SEC. 22, T8S, R17E, S.L.B.&M.
TOPO "A"

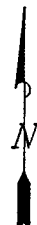


Tri State
Land Surveying, Inc.
(801) 781-2501
38 WEST 100 NORTH VERNAL, UTAH 84078



EQUITABLE RESOURCES CO.

FEDERAL #33-22-8-17
SEC. 22, T8S, R17E, S.L.B.&M.
TOPO "B"

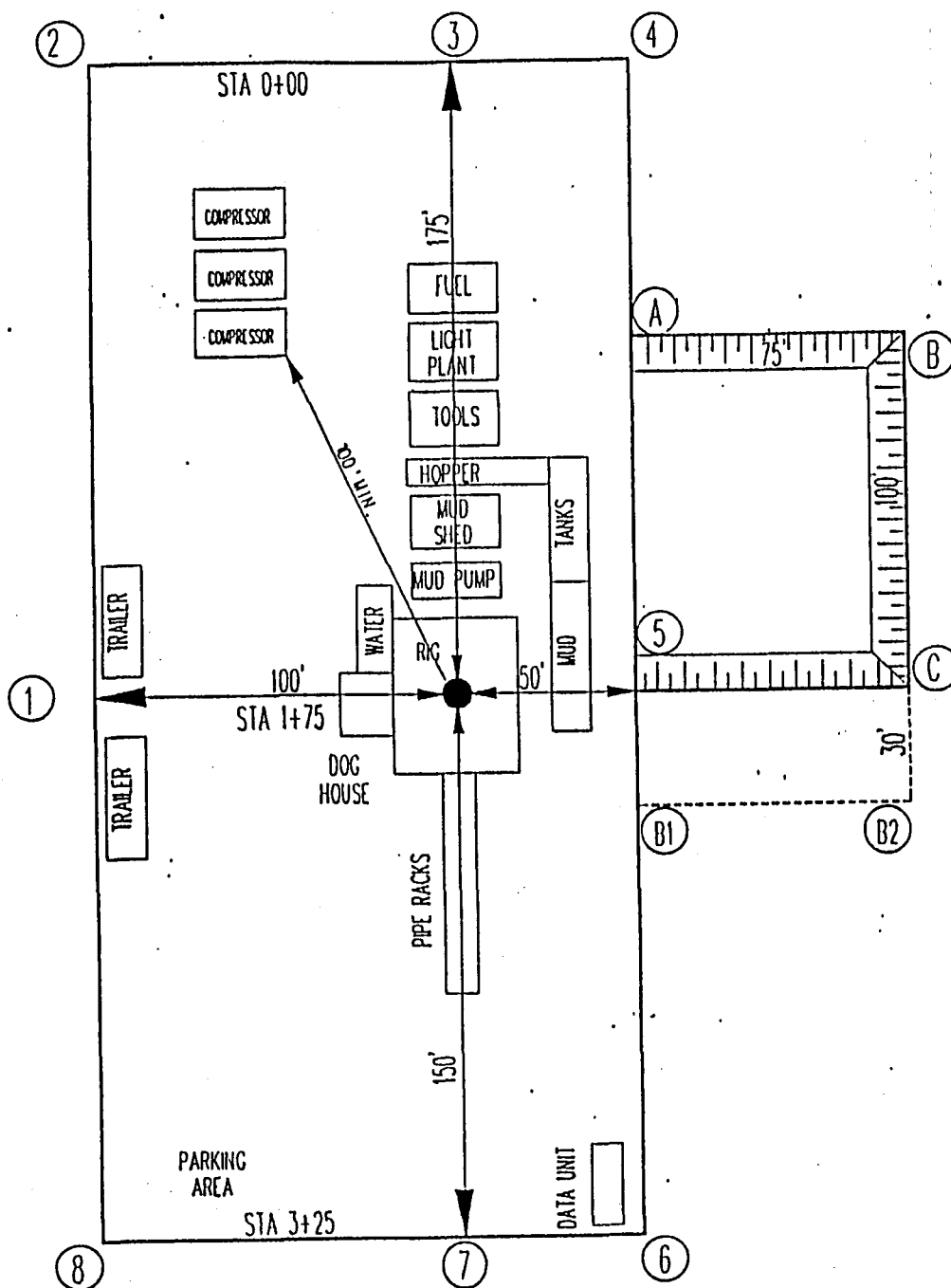


SCALE: 1" = 2000'

Tri State
Land Surveying, Inc.
(801) 781-2501
38 WEST 100 NORTH VERNAL, UTAH 84078

EQUITABLE RESOURCES ENERGY CO.

WELLSITE LAYOUT



TRI-STATE
LAND SURVEYING, INC.
38 WEST 100 NORTH, Vernal, UTAH 84078
801-781-2501

UNION DRILLING RIG #17

Hex Kelly -

ROTATING HEAD

ADJ. CHOKE

AIR BOWL

7" FLOWLINE

#3000
BLIND RM. PIPE RM.

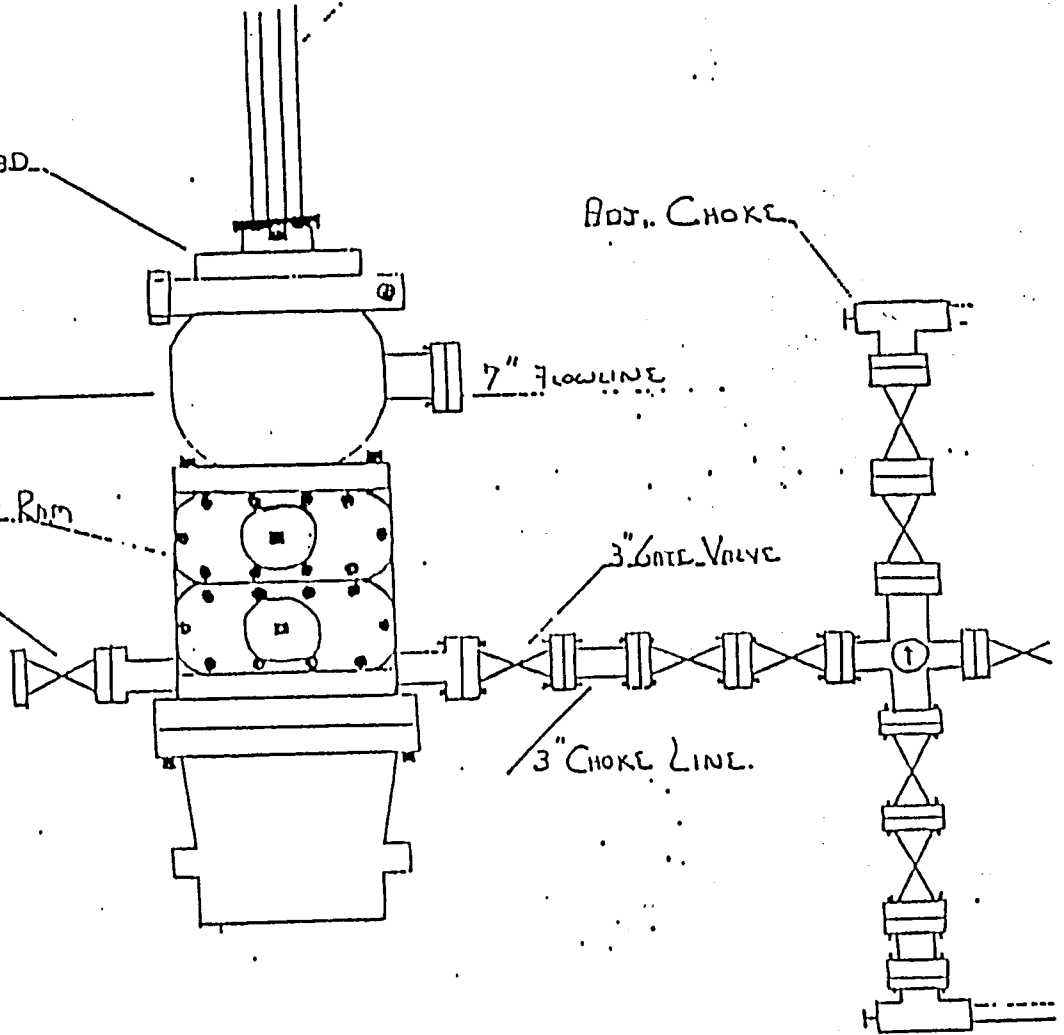
3" GATE VALVE

3" GATE VALVE

3" CHOKE LINE

ADJ. CHOKE

#3000 STACK





PROPOSED PRODUCTION FACILITY DIAGRAMDIKE

VALVE DESCRIPTION		
	DURING PROD.	DURING SALES
VALVE #1	CLOSED	OPEN
VALVE #2	OPEN	CLOSED
VALVE #3	CLOSED	OPEN
VALVE #4	OPEN	CLOSED
VALVE #5	CLOSED	CLOSED
VALVE #6	CLOSED	CLOSED
VALVE #7	CLOSED	OPEN

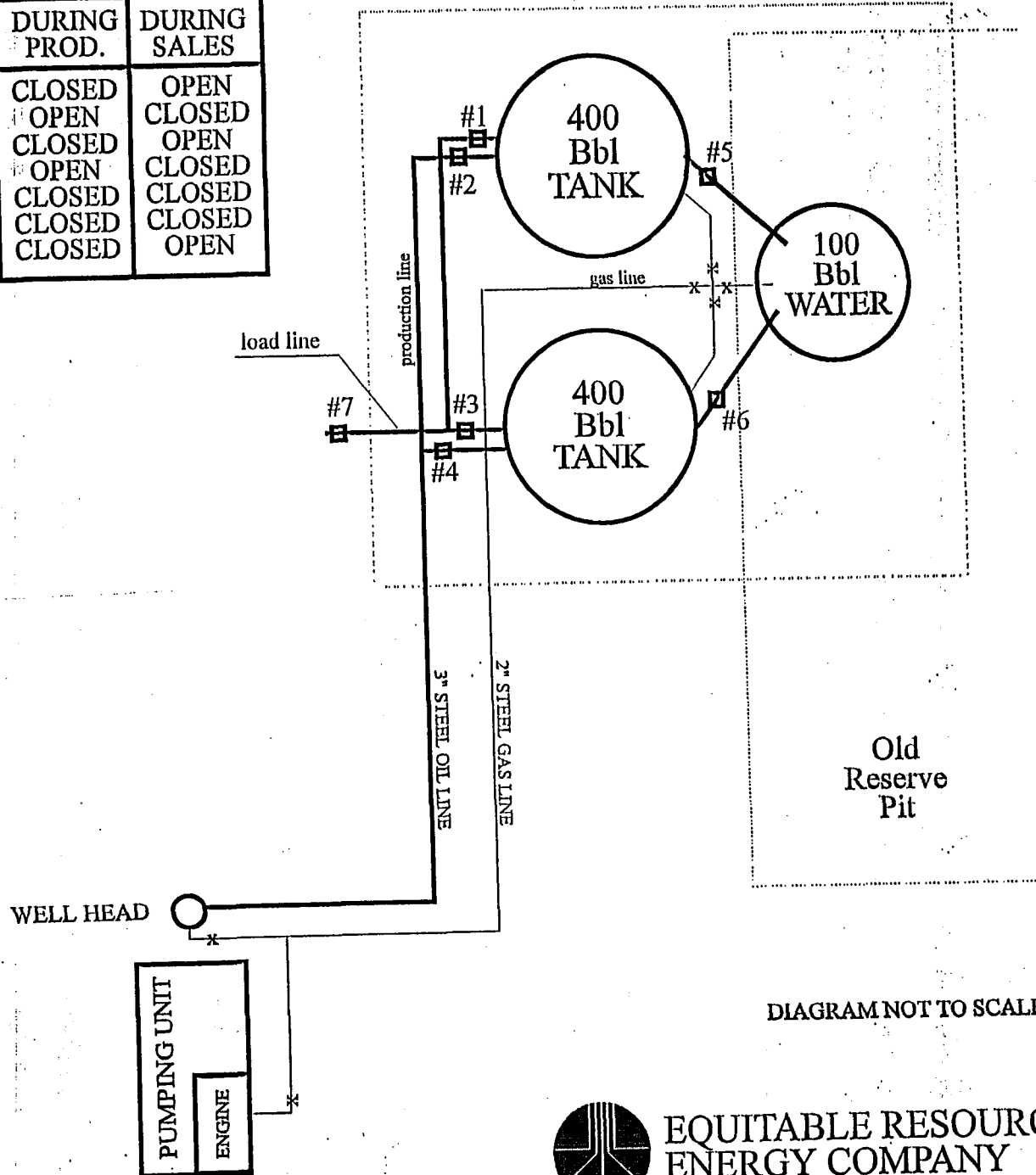


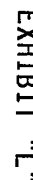
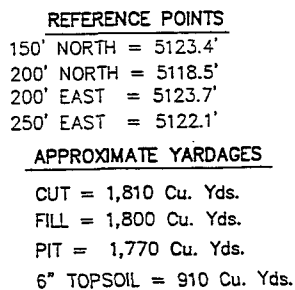
DIAGRAM NOT TO SCALE


**EQUITABLE RESOURCES
ENERGY COMPANY**

BALCRON OIL DIVISION

 1601 Lewis Avenue
 Billings, MT 59104-2
 (406) 259-7860

FEDERAL #33-22-8-17
SECTION 22, T8S, R17E, S.L.B.&M.



SURVEYED BY: S.S.
DRAWN BY: J.R.S.
DATE: 10-17-95
SCALE: 1" = 50'
FILE:

Tri State
Land Surveying, Inc.
(801) 781-2501

38 WEST 100 NORTH VERNAL, UTAH 84078

JAN 2 1996

EQUITABLE RESOURCES CO.

FEDERAL #33-22-8-17

Section 22, T8S, R17E, SLB&M

Duchesne County, Utah

PALEONTOLOGY REPORT

WELLPAD LOCATION AND ACCESS ROAD

BY

ALDEN H. HAMBLIN
PALEONTOLOGIST
235 EAST MAIN
VERNAL, UTAH 84078

December 9, 1995

RESULTS OF PALEONTOLOGY SURVEY AT EQUITABLE RESOURCES CO. FEDERAL #33-22-8-17,
Section 22, T8S, R17E, S.L.B.&M, Uintah Co., Utah.

Description of Geology and Topography-

This well location is 6 miles south and 4 miles east of Myton, Utah in the Pleasant valley area. The wellpad sits down off the north side of a bench on a fairly flat area. Most of the surface is covered with a thin layer of sand and rocks fragments. There are occasional exposures of bedrock composed of sandstone and mudstone. Proposed access road is over the same kind of surface.

All rock outcrops in the general area are of the Upper Eocene Uinta Formation, known for its fossil vertebrate fauna of mammals, turtles, crocodilians, and occasional fish remains and plant impressions.

Paleontological material found -

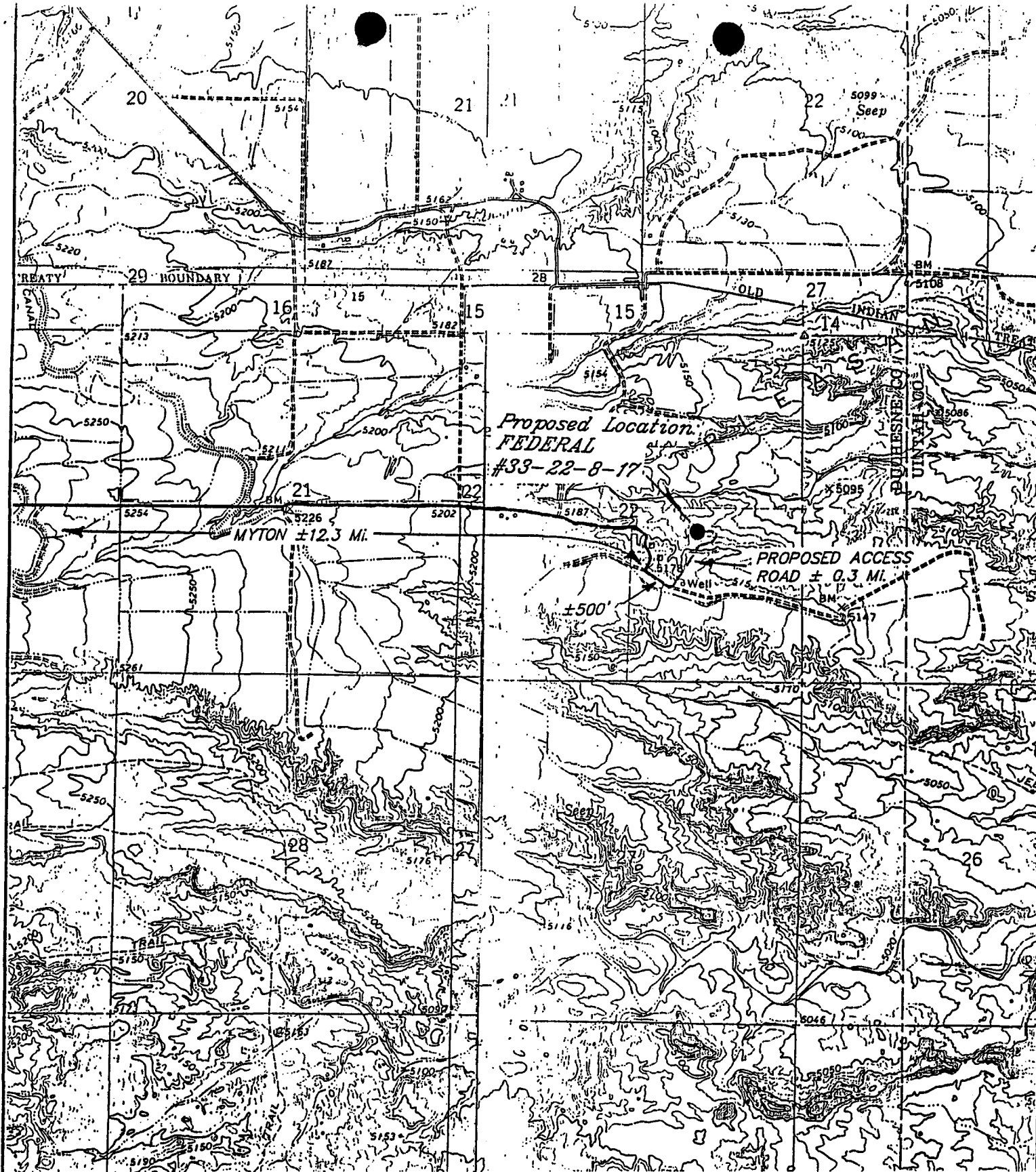
The only fossils found were several gastropods in a chunk of chert. This rock was washed into this area and not from the site. No other fossils were found on this location or proposed access road.

Recommendations-

No recommendations are being made for paleontology at this location.

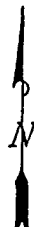
Albin H. Hamblin
Paleontologist

Date December 9, 1995



EQUITABLE RESOURCES CO.

FEDERAL #33-22-8-17
SEC. 22, T8S, R17E, S.L.B.&M.
TOPO "B"



SCALE: 1" = 2000'

Tri State
Land Surveying, Inc.
(801) 781-2501
38 WEST 100 NORTH VERNAL, UTAH 84078

CULTURAL RESOURCE EVALUATION
OF THIRTEEN PROPOSED WELL LOCATIONS & ACCESS ROUTES
IN THE CASTLE PEAK DRAW LOCALITY OF
DUCHESNE & UINTAH COUNTIES, UTAH

Report Prepared for Balcron Oil Division
(Monument Federal Units 34-3-9-17Y, 31-9-10-17Y, 32-10-9-17Y, 11-11-9-17Y, 14-21-9-18Y, 43-19-9-18Y, 32-20-9-18Y, 33-22-8-17Y, 33-17-9-17B, 23-17-9-17B, 44-31-8-18Y, 33-6-9-16Y, and 41-35-9-18Y)

Dept. of Interior Permit No.: UT-95-54937
AERC Project 1512 (BLCR-95-8B)

Utah State Project No.: UT-95-AF-773b

Principal Investigator
F. Richard Hauck, Ph.D.

Author of the Report
F. Richard Hauck



**ARCHEOLOGICAL-ENVIRONMENTAL RESEARCH
CORPORATION (AERC)**

181 North 200 West, Suite 5
Bountiful, Utah 84010

January 23, 1996

ABSTRACT

An intensive cultural resource evaluation has been conducted for Balcron Oil Division of thirteen proposed well locations (Monument Federal Units 34-3-9-17Y, 31-9-10-17Y, 32-10-9-17Y, 11-11-9-17Y, 14-21-9-18Y, 43-19-9-18Y, 32-20-9-18Y, 33-22-8-17Y, 33-17-9-17B, 23-17-9-17B, 44-31-8-18Y, 33-6-9-16Y, and 41-35-9-18Y) and their 3.1 miles of associated access routes situated on public lands administered by the Bureau of Land Management, Vernal District. This project area is located in the Castle Peak Draw, Pariette Bench, Wells Draw, Pleasant Valley, Eightmile Flat, and Desert Spring Wash localities of Uintah & Duchesne Counties, Utah. This evaluation involved a total of 167.53 acres, of which 130 acres were associated with the well pads and an additional 37.53 acres were associated with the various access routes. These evaluations were conducted by Richard Beaty and Michael Hauck of AERC between November 28 and December 8, 1995.

No previously recorded significant or National Register eligible cultural resources will be adversely affected by the proposed developments.

No newly identified prehistoric cultural resource activity loci were discovered and recorded during the examinations.

No isolated diagnostic artifacts were noted during the investigations.

No paleontological loci of significance were identified during the surface examinations.

AERC recommends project clearance based on adherence to the stipulations noted in the final section of this report.

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GENERAL INFORMATION

On November 28 through December 8, 1995, AERC archaeologists Richard Beaty and Michael Hauck conducted an intensive cultural resource evaluation for Balcron Oil Division of Billings Montana. This examination involved thirteen proposed well locations and associated access routes in the Castle Peak Draw locality southeast of Myton, Utah (see Maps 1 through 8). These well locations include Monument Federal Units 34-3-9-17Y, 31-9-10-17Y, 32-10-9-17Y, 11-11-9-17Y, 14-21-9-18Y, 43-19-9-18Y, 32-20-9-18Y, 33-22-8-17Y, 33-17-9-17B, 23-17-9-17B, 44-31-8-18Y, 33-6-9-16Y, and 41-35-9-18Y. An area of ten acres was inventoried for each well pad for a total of 130 acres. About 3.1 miles of access routes totaling some 37.53 acres was also examined for cultural resource presence for a total of 167.53 acres. All of these well locations and access routes are situated on public lands administered by the Bureau of Land Management, Vernal District Office, Diamond Mountain Resource Area.

The purpose of the field study and this report is to identify and document cultural site presence and assess National Register potential significance relative to established criteria (cf., Title 36 CFR 60.6). The proposed development of these well locations and access routes requires an archaeological evaluation in compliance with various state laws and U.C.A. 9-8-404; the Federal Antiquities Act of 1906, the Reservoir Salvage Act of 1960-as amended by P.L. 93-291, Section 106 of the National Historic Preservation Act of 1966-as amended, the National Environmental Policy Act of 1969, the Federal Land Policy and Management Act of 1979, the Archaeological Resources Protection Act of 1979, the Native American Religious Freedom Act of 1978, the Historic Preservation Act of 1980, and Executive Order 11593.

In addition to documenting cultural identity and significance, mitigation recommendations relative to the preservation of cultural data and materials can be directed to the Bureau of Land Management, Vernal District Office and to the State Antiquities Section.

Project Location

The project location is in the Castle Peak Draw, Pariette Bench, Wells Draw, Pleasant Valley, Eightmile Flat, and Desert Spring Wash localities of Duchesne and Uintah Counties, Utah. The various locations are shown on the Pariette Draw SW, Myton SE, Myton SW, and Moon Bottom 7.5 minute topographic quads (see Maps 2-8).

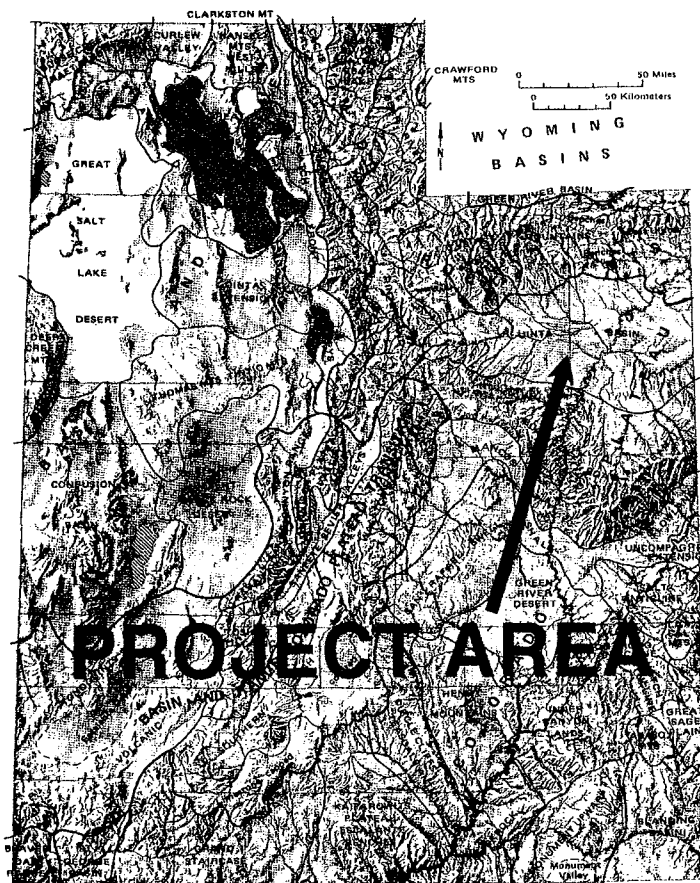
Monument Federal Unit 34-3-9-17Y is situated in the Southwest quarter of the Southeast quarter of Section 3, Township 9 South, Range 17 East (see Map 2). Access to this location is via a 0.3 mile-long access route.

Monument Federal Unit 31-10-9-17Y is situated in the Northwest quarter of the Northeast quarter of Section 10, Township 9 South, Range 17 East (see Map 2). Access to this location is via a 0.2 mile-long access route.

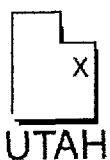
MAP 1: GENERAL PROJECT LOCALITY
IN
UINTAH AND DUCHESNE COUNTIES
UTAH



PROJECT: BLCR - 95 - 8B
SCALE: see below
QUAD: see below
DATE: January 22, 1996



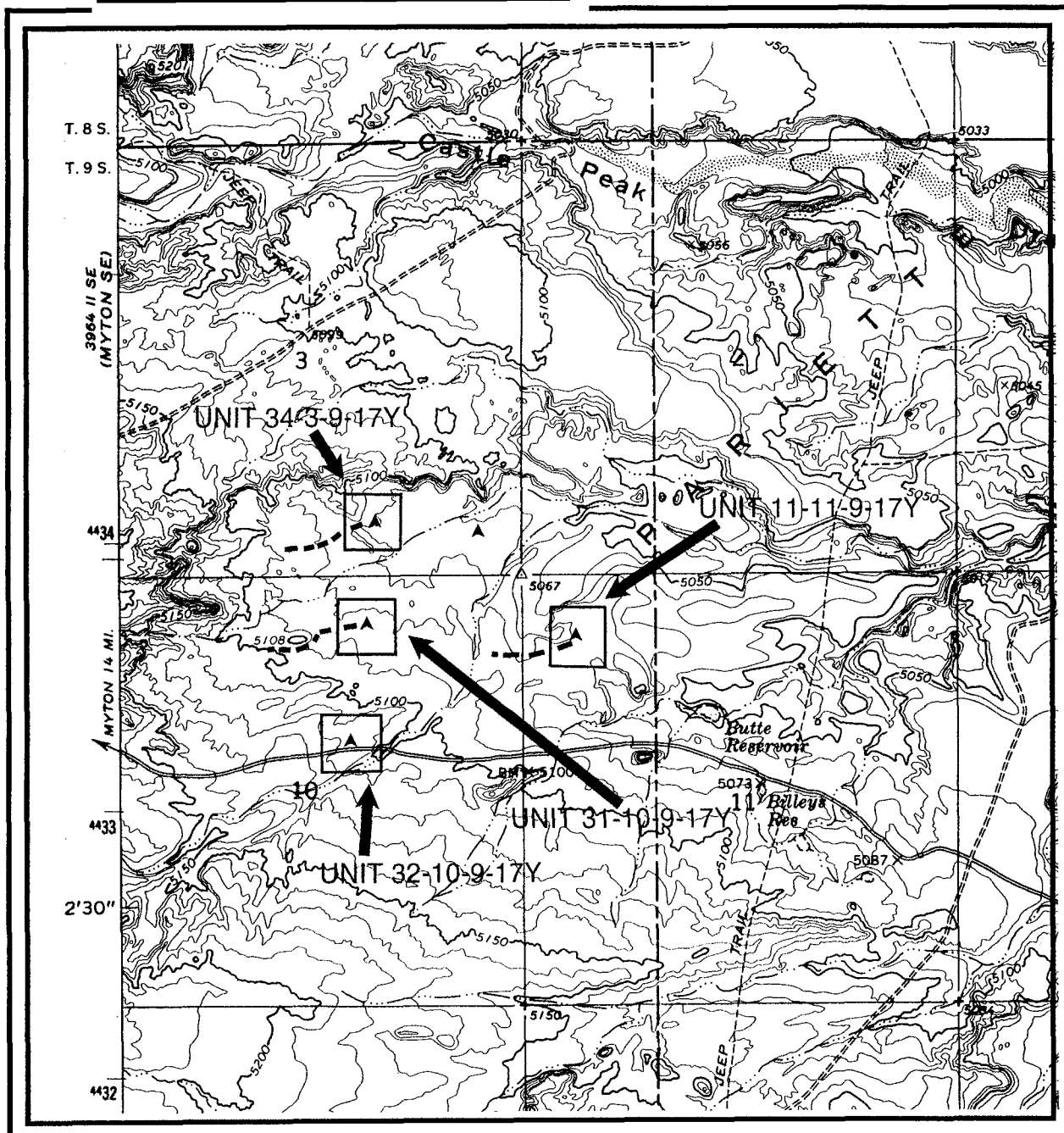
UTAH GEOLOGICAL AND MINERAL SURVEY
MAP 43 1977
PHYSIOGRAPHIC SUBDIVISIONS OF UTAH
BY W.L. STOKES



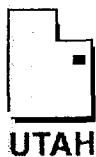
TOWNSHIP: MULTIPLE
RANGE: MULTIPLE
MERIDIAN: SALT LAKE & UINTAH B. & M.

**MAP 2: CULTURAL RESOURCE SURVEY
OF VARIOUS BALCRON WELLS
IN THE CASTLE PEAK DRAW
LOCALITY OF DUCHESNE COUNTY,
UTAH**

PROJECT: BLCR - 95 - 8B
SCALE: 1:24,000
QUAD: Pariette Draw SE, Utah
DATE: January 22, 1996



LEGEND



TOWNSHIP: 9 South
RANGE: 17 East
MERIDIAN: Salt Lake B. & M.

Well Location



Access Route

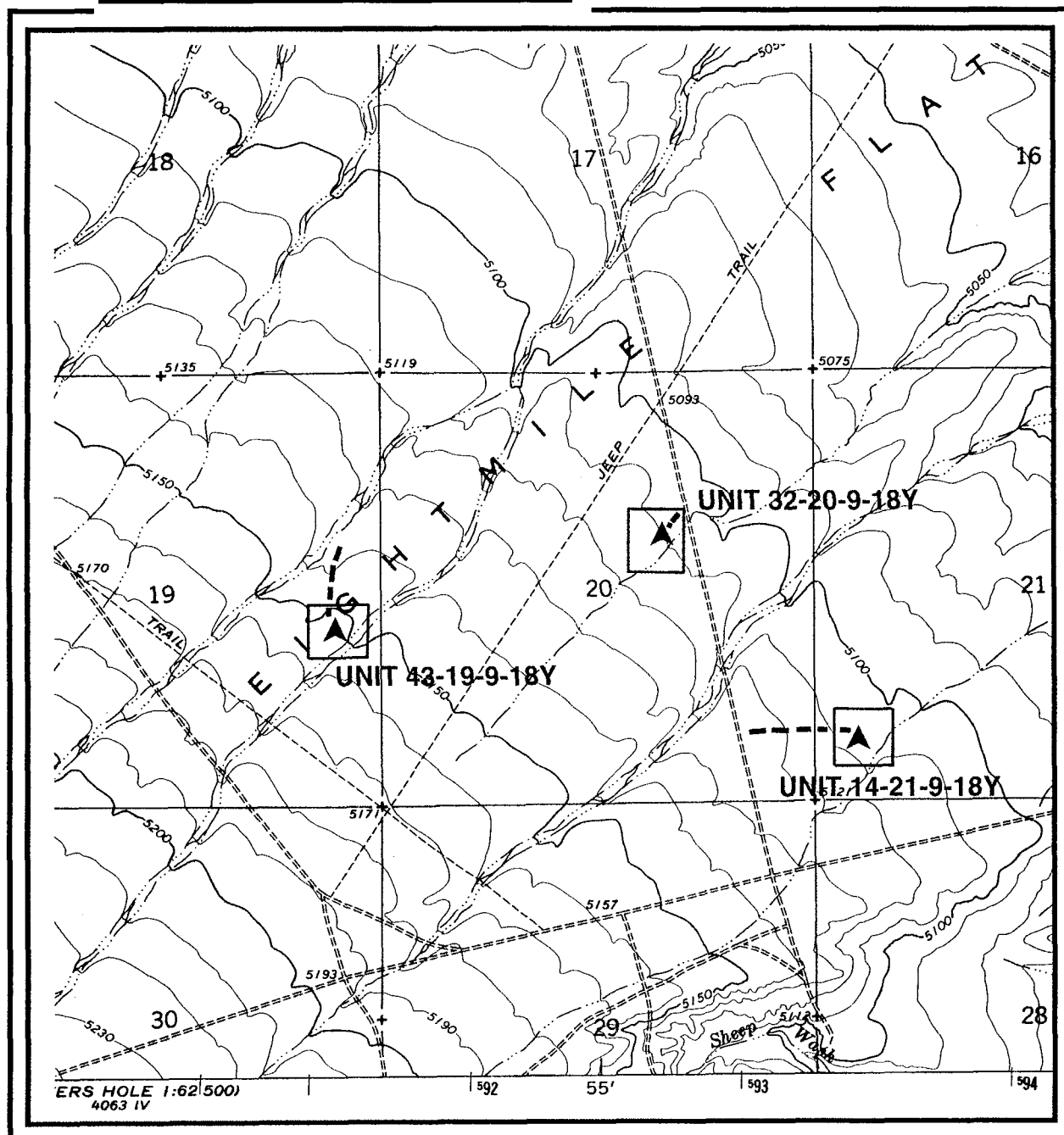


Ten Acre
Survey
Area



**MAP 3: CULTURAL RESOURCE SURVEY
OF VARIOUS BALCRON WELLS
IN THE EIGHTMILE FLAT
LOCALITY OF UINTAH COUNTY,
UTAH**

PROJECT: BLCR - 95 - 8B
SCALE: 1:24,000
QUAD: Pariette Draw SE, Utah
DATE: January 22, 1996



LEGEND

Well Location

Access Route

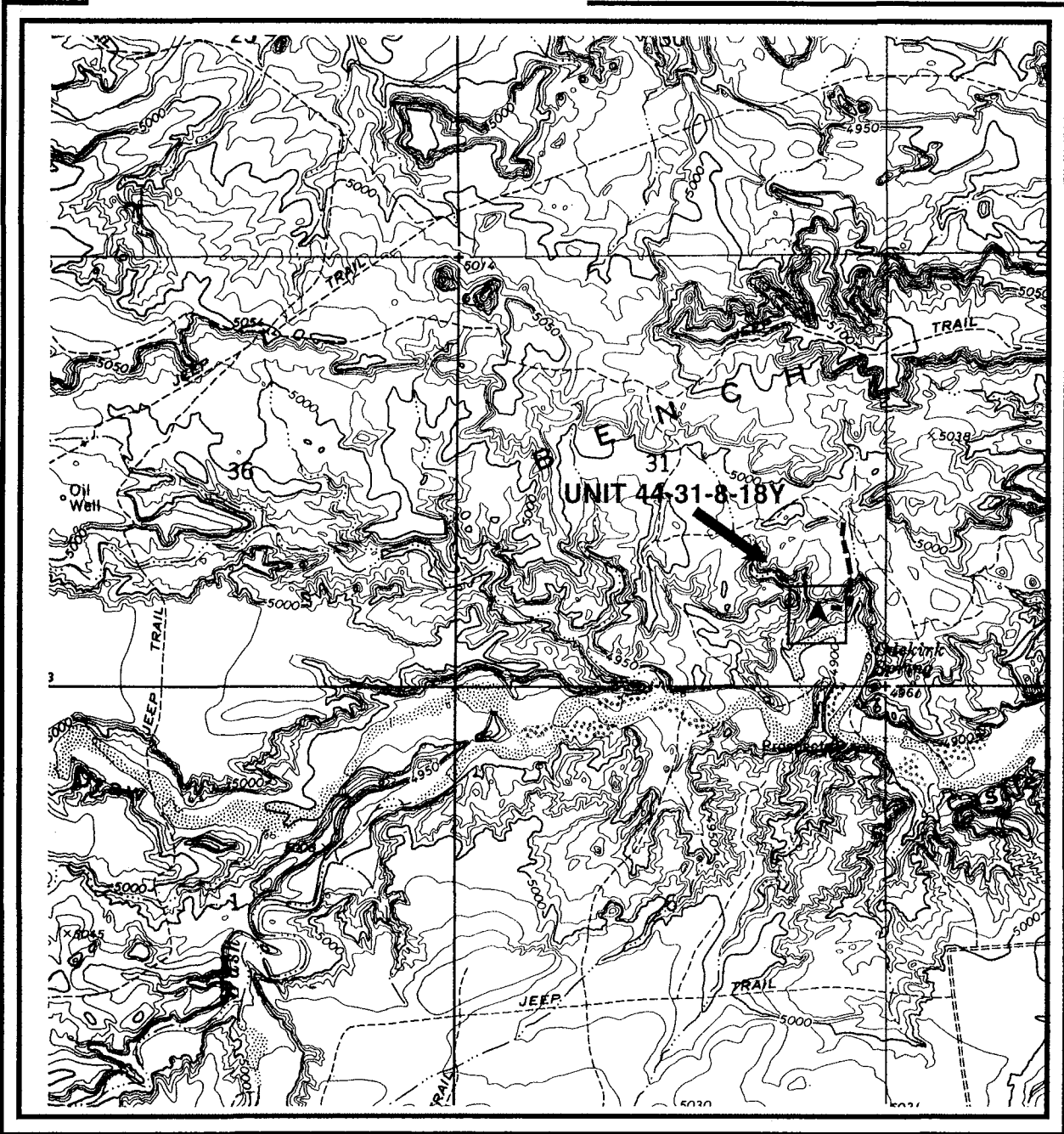
Ten Acre
Survey
Area



TOWNSHIP: 9 South
RANGE: 18 East
MERIDIAN: Salt Lake B. & M.

**MAP 4: CULTURAL RESOURCE SURVEY
OF BALCRON WELL UNIT 44-31-8-18Y
IN THE CASTLE PEAK DRAW
LOCALITY OF UINTAH COUNTY,
UTAH**

PROJECT: BLCR - 95 - 8B
SCALE: 1:24,000
QUAD: Pariette Draw SW, Utah
DATE: January 22, 1996



LEGEND



TOWNSHIP: 8 South
RANGE: 18 East
MERIDIAN: Salt Lake B. & M.

Well Location



Access Route

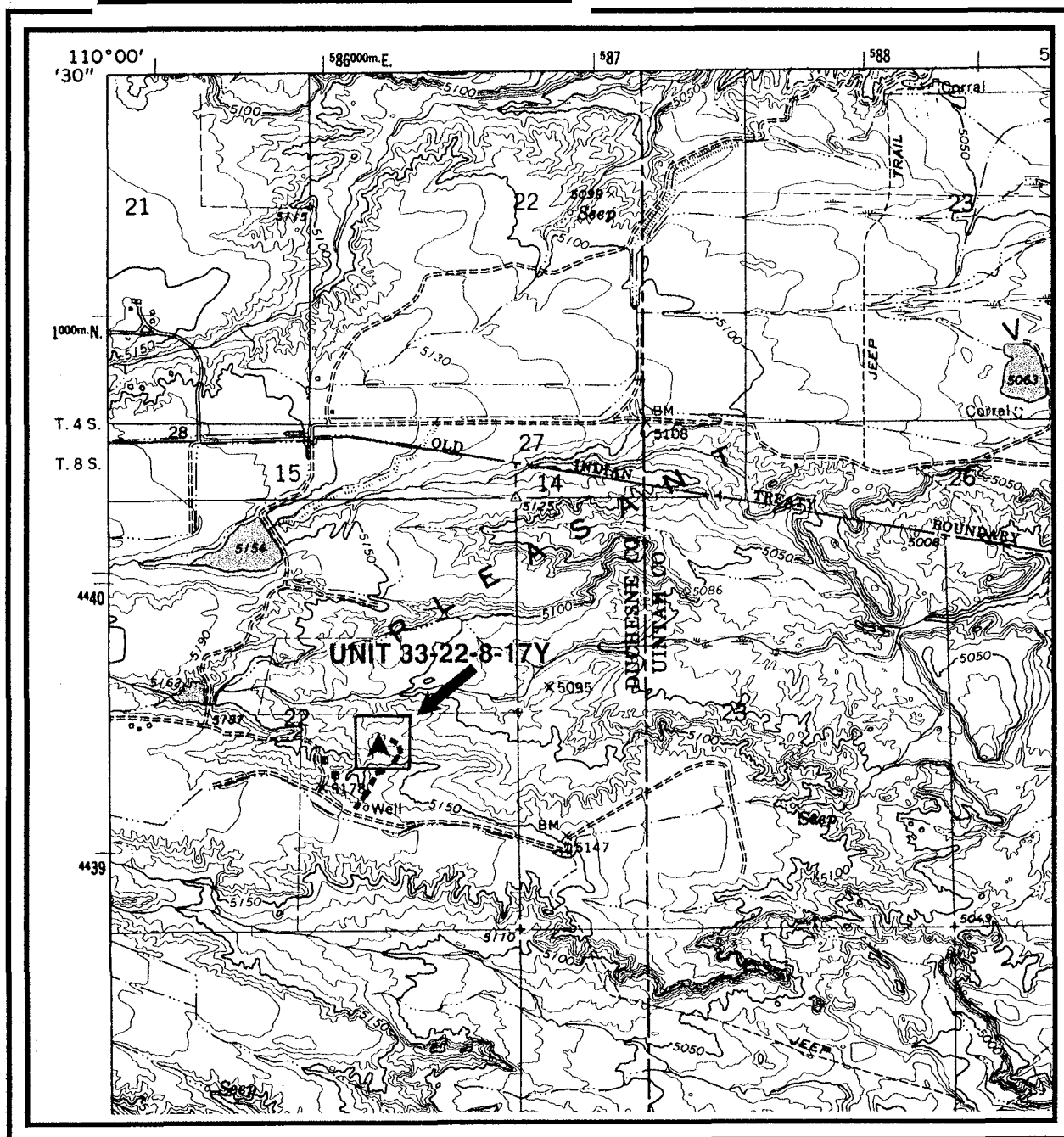


Ten Acre
Survey
Area



**MAP 5: CULTURAL RESOURCE SURVEY
OF BALCRON WELL UNIT 33-22-8-17Y
IN THE PLEASANT VALLEY
LOCALITY OF DUCHESNE COUNTY,
UTAH**

PROJECT: BLCR - 95 - 8B
SCALE: 1:24,000
QUAD: Pariette Draw SW, Utah
DATE: January 23, 1996



LEGEND



TOWNSHIP: 8 South
RANGE: 17 East
MERIDIAN: Salt Lake B. & M.

Well Location



Access Route



Ten Acre
Survey
Area

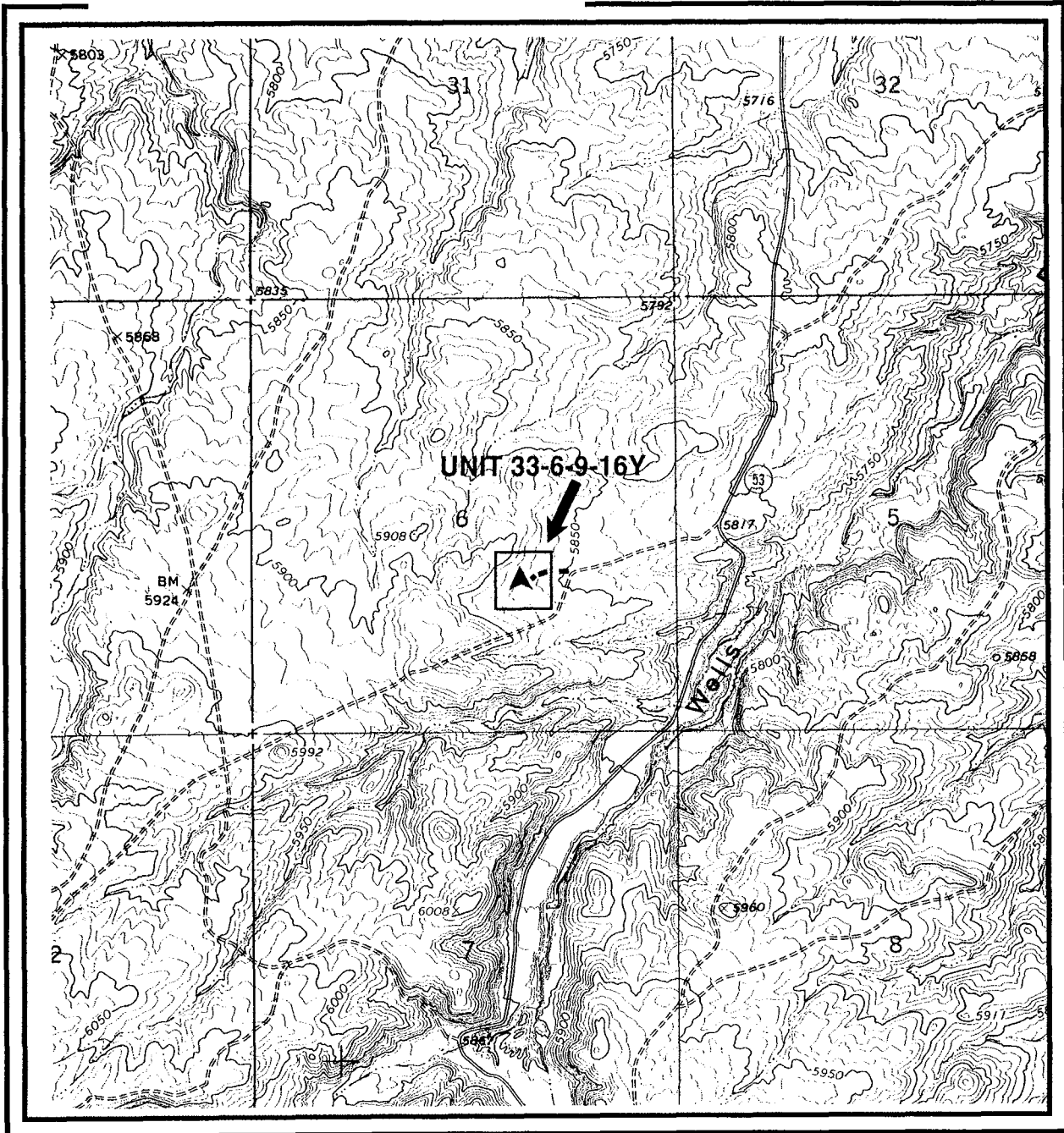


**MAP 6: CULTURAL RESOURCE SURVEY
OF BALCRON WELL UNIT 33-6-9-16Y
IN THE WELLS DRAW
LOCALITY OF DUCHESNE COUNTY,
UTAH**



PROJECT: BLCR - 95 - 8B
SCALE: 1:24,000
QUAD: Myton SW, Utah
DATE: January 23, 1996

7



LEGEND



TOWNSHIP: 9 South
RANGE: 16 East
MERIDIAN: Salt Lake B. & M.

Well Location



Access Route

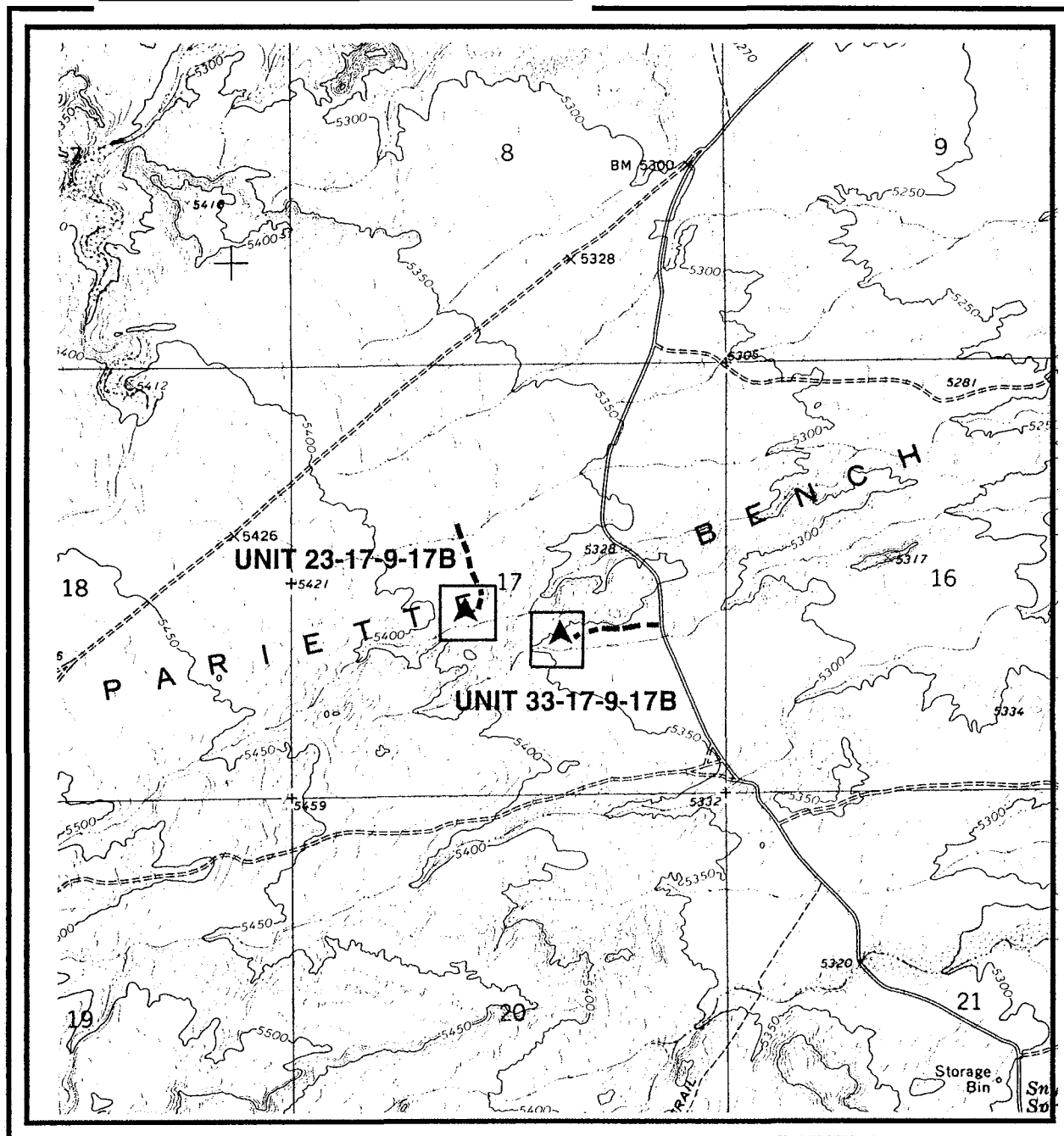


**Ten Acre
Survey
Area**



**MAP 7: CULTURAL RESOURCE SURVEY
OF VARIOUS BALCRON WELLS
IN THE PARIETTE BENCH
LOCALITY OF DUCHESNE COUNTY,
UTAH**

PROJECT: BLCR - 95 - 8B
SCALE: 1:24,000
QUAD: Myton SW, Utah
DATE: January 23, 1996



LEGEND

TOWNSHIP: 9 South
RANGE: 17 East
MERIDIAN: Salt Lake B. & M.

Well Location



Access Route

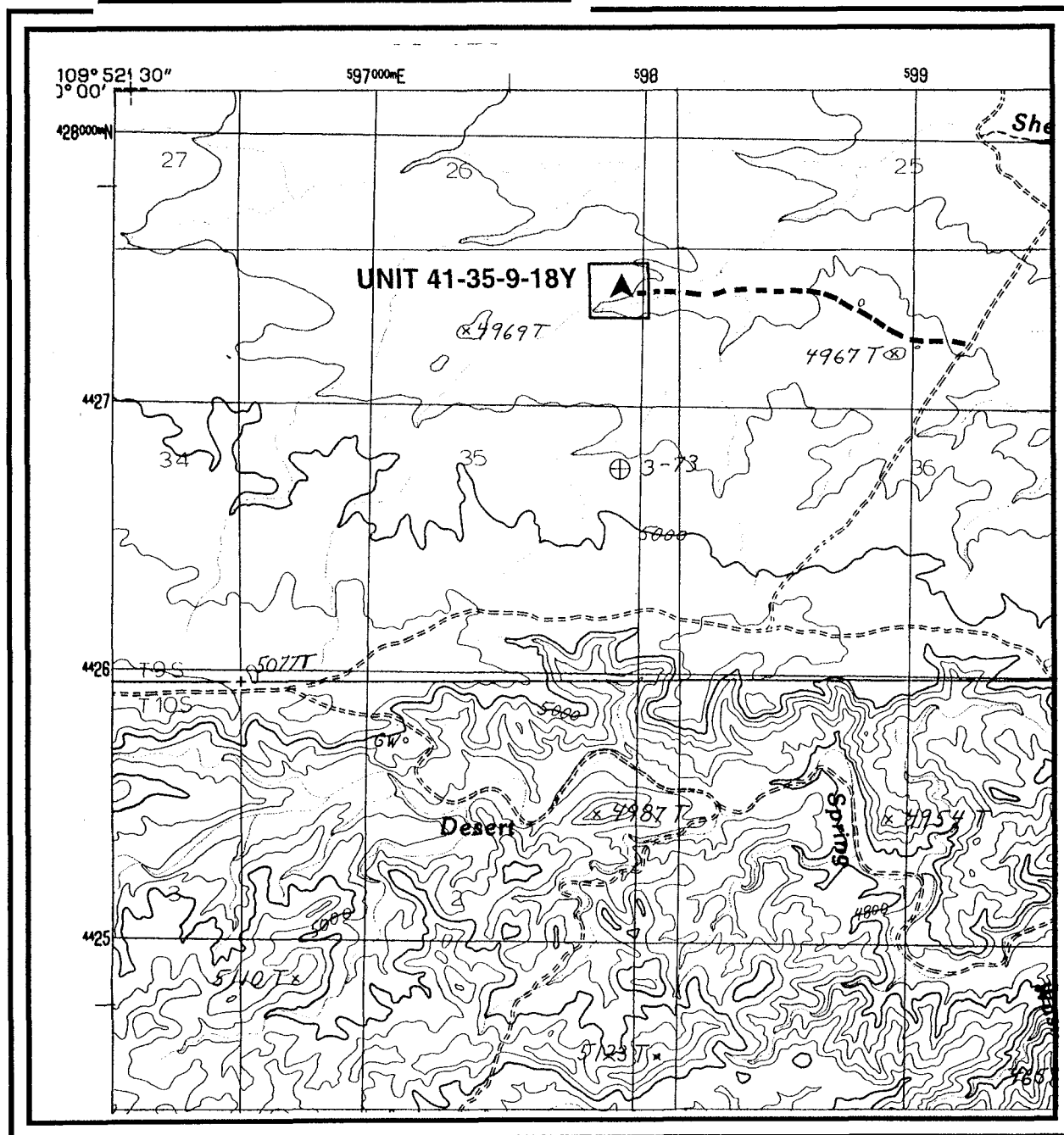


**Ten Acre
Survey
Area**



**MAP 8: CULTURAL RESOURCE SURVEY
OF BALCRON WELL UNIT 41-35-9-18Y
IN THE DESERT SPRING WASH
LOCALITY OF UINTAH COUNTY,
UTAH**

PROJECT: BLCR - 95 - 8B
SCALE: 1:24,000
QUAD: Moon Bottom, Utah
DATE: January 23, 1996



LEGEND



TOWNSHIP: 9 South
RANGE: 18 East
MERIDIAN: Salt Lake B. & M.

Well Location



Access Route



Ten Acre
Survey
Area



Monument Federal Unit 32-10-9-17Y is situated in the Southwest quarter of the Northeast quarter of Section 10, Township 9 South, Range 17 East (see Map 2).

Monument Federal Unit 11-11-9-17Y is situated in the Northwest quarter of the Northwest quarter of Section 11, Township 9 South, Range 17 East (see Map 2). Access to this location is via a 0.2 mile-long access route.

Monument Federal Unit 43-19-9-18Y is situated in the Northeast quarter of the Southeast quarter of Section 19, Township 9 South, Range 18 East (see Map 3). Access to this location is via a 0.2 mile-long access route.

Monument Federal Unit 32-20-9-18Y is situated in the Southwest quarter of the Northeast quarter of Section 20, Township 9 South, Range 18 East (see Map 3).

Monument Federal Unit 14-21-9-18Y is situated in the Southwest quarter of the Southwest quarter of Section 21, Township 9 South, Range 18 East (see Map 3). Access to this location is via a 0.3 mile-long access route.

Monument Federal Unit 44-31-8-18Y is situated in the Southeast quarter of the Southeast quarter of Section 31, Township 8 South, Range 18 East (see Map 4). Access to this location is via a 0.2 mile-long access route.

Monument Federal Unit 33-22-8-17Y is situated in the Northwest quarter of the Southeast quarter of Section 22, Township 8 South, Range 17 East (see Map 5). Access to this location is via a 0.3 mile-long access route.

Monument Federal Unit 33-6-9-16Y is situated in the Northwest quarter of the Southeast quarter of Section 6, Township 9 South, Range 18 East (see Map 6). Access to this location is via a 0.1 mile-long access route.

Monument Federal Unit 23-17-9-17B is situated in the Northeast quarter of the Southwest quarter of Section 17, Township 9 South, Range 17 East (see Map 7). Access to this location is via a 0.3 mile-long access route.

Monument Federal Unit 33-17-9-17B is situated in the Northwest quarter of the Southeast quarter of Section 17, Township 9 South, Range 17 East (see Map 7). Access to this location is via a 0.2 mile-long access route.

Monument Federal Unit 41-35-9-18Y is situated in the Northeast quarter of the Northeast quarter of Section 35, Township 9 South, Range 18 East (see Map 8). Access to this location is via a 0.8 mile-long access route.

Environmental Description

The project area is within the 4900 to 5900 foot elevation zone above sea level. Open rangeland terrain and eroded Eocene lakebed surfaces are associated with the project localities.

The vegetation in the project area includes *Chrysothamnus spp.*, *Artemisia spp.*, *Sarcobatus vermiculatus*, *Ephedra viridis*, *Cercocarpus spp.*, *Atriplex canescens*, and a variety of grasses.

The geological associations within the project area consist of fluvial lake deposits which correlate with the Uinta Formation which is of Tertiary age.

PREVIOUS RESEARCH IN THE LOCALITY

File Search

A records search of the site files and maps at the Antiquities Section of the State Historic Preservation Office in Salt Lake City was conducted on November 15, 1995. A similar search was conducted in the Vernal District Office of the BLM on November 28, 1995. The National Register of Historic Places has been consulted and no registered historic or prehistoric properties will be affected by the proposed developments.

A variety of known cultural sites are situated in the Monument Buttes / Castle Peak Draw locality. Many of these prehistoric resources were identified and recorded by AERC during the Mapco River Bend survey (Hauck and Norman 1980). Other sites have been located and recorded by AERC and other archaeologists and consultants during oil and gas exploration inventories (cf. Fike and Phillips 1984, Hauck and Weder 1989, Hauck and Hadden 1993, 1994).

Prehistory and History of the Cultural Region

Currently available information indicates that the Northern Colorado Plateau Cultural Region has been occupied by a variety of cultures beginning perhaps as early as 10,000 B.C. These cultures, as identified by their material remains, demonstrate a cultural developmental process that begins with the earliest identified Paleoindian peoples (10,000 -- 7,000 B.C.) and extends through the Archaic (ca. 7,000 B.C. -- A.D. 300), and Formative (ca. A.D. 400 -- 1100) Stages, and the Late Prehistoric-Protohistoric periods (ca. A.D. 1200 -- 1850) to conclude in the Historic-Modern period which was initiated with the incursion of the Euro-American trappers, explorers, and settlers. Basically, each cultural stage -- with the possible exception of the Late Prehistoric hunting and gathering Shoshonean bands -- features a more complex life-way and social order than occurred during the earlier stage of development (Hauck 1991:53). For a more comprehensive treatment of the prehistory and history of this region see Archaeological

Evaluations in the Northern Colorado Plateau Cultural Area (Hauck 1991).

Site Potential in the Project Development Zone

Previous archaeological evaluations in the general project area have resulted in the identification and recording of a variety of cultural resource sites having eligibility for potential nomination to the National Register of Historic Places (NRHP). The majority of these sites are lithic scatters containing cobble reduction materials. Many of these quarry sites are of the "Tap and Test" variety, and extend for tens or hundreds of meters. Open occupations are also frequently being identified in this locality. Sites associated with the open rangeland generally appear to have been occupied during the Middle Plains Archaic Stage with occasional indications of Paleoindian activity based on the recovery of isolated Plano style projectile points. The north-south drainage canyons appear to contain the majority of Late Prehistoric (Numa) sites probably because those canyon floors were transportation corridors and convenient pastures for the Ute horse herds. Evidence of Formative Stage occupation, i.e., Fremont, is rarely observed in the rangeland environment but is common within the Green River and White River canyons and their primary tributary canyons.

Site density in certain portions of the region appears to range from one to six sites per section. These densities increase in the canyon bottoms due to Ute rock art loci. Recent evaluations indicate that the site densities may reach 8 to 12 sites per section in certain localities on the upper benches which were apparently favored for hunting, lithic resource procurement, and camping. Prehistoric sites on the rangeland benches appear to be associated with water courses and aeolian deposits.

FIELD EVALUATIONS

Methodology

Intensive evaluations consisted of the archaeological team walking a series of 10 to 20 meter-wide transects within each ten acre well location which includes the staked pad and an appropriate buffer zone around the well. The archaeologists also examined 100 foot-wide corridors centered on each flagged access centerline by walking similar transects. The combined acreage for the various access road corridors and the thirteen well locations totals some 167.53 acres.

Observation of cultural materials results in intensive examinations to determine the nature of the resource (isolate or activity locus, i.e., site). The documentation of each specific cultural site results in its subsequently being sketched, photographed, transit mapped, and appropriately recorded on standardized site forms.

Cultural sites are then evaluated by the Principal Investigator for depth potential utilizing AERC's portable ground penetrating radar (GPR) computerized system (SIR-2 manufactured by

Geophysical Survey Systems, Inc. [GSSI] of North Salem, New Hampshire). Radar assessment within archaeological sites is accomplished by one team member pulling the radar antenna across the site's surface while the Principal Investigator "reads" data directly observable on a battery powered computer's monitor that is directly linked to the antenna. GPR is a valuable tool for determining the presence and density of any buried materials, features or strata whether cultural or natural, but it is particularly valuable in ascertaining archaeological depth potential on a site because it provides an immediate view on the computer of the buried strata and features. In addition, ground penetrating radar is a non-intrusive and non-destructive method of verifying site depth potential -- an important consideration in ensuring the protection and integrity of the rare, non-replaceable, non-renewable cultural resources.

With depth of deposit and feature/strata information provided by GPR, the standards described in the section below are used by the Principal Investigator to establish site significance. GPR data reflecting the buried potential of the resource coupled with the Principal Investigator's surface evaluation of the site results in the determination whether a particular site is a significant resource, i.e., whether it satisfies one or more of the criteria established in Title 36 CFR 60 as explained below. The Principal Investigator then develops one or more mitigation actions as recommendations that can aid federal and state cultural resource administrators in facilitating the preservation of any given significant resource which may be situated within the potential development zone.

Site Significance Criteria

Prehistoric and historic cultural sites which can be considered as eligible for nomination to the National Register of Historic Places have been outlined as follows in the National Register's Criteria for Evaluation as established in Title 36 CFR 60.6:

The quality of significance in American ... archaeology ... and culture is present in ... sites ... that possess integrity of location, design, setting, materials, workmanship, feeling, and association and:

- a. That are associated with events that have made a significant contribution to the broad patterns of our history; or*
- b. that are associated with the lives of persons significant in our past; or*
- c. that embody the distinctive characteristics of a type, period, or method of construction ... ; or*
- d. that have yielded, or may be likely to yield, information important in prehistory or history.*

In addition to satisfying one or more of these general conditions, a significant cultural resource site in Utah will generally be considered as being eligible for inclusion in the National Register if it should advance our current state of knowledge relating to chronology, cultural relationships, origins, and cultural life ways of prehistoric or historic groups in the area.

In a final review of any site's cultural significance, the site must possess integrity and at least one of the above criteria to be considered eligible for nomination to the National Record of Historic Places.

Results of the Inventory

No newly identified prehistoric cultural resource activity loci were observed and recorded during the archaeological evaluations.

No previously identified and recorded significant or National Register sites were noted during the survey; Balcron's proposed development of these 13 well locations will not have any adverse effect on existing known cultural resources situated in this locality.

No diagnostic isolated artifacts were observed or recorded during the evaluation.


No paleontological loci of significance were identified during the evaluations.

CONCLUSION AND RECOMMENDATIONS

No known significant cultural resources will be adversely impacted during the development and operation of the 13 proposed Balcron Oil Division well locations and access routes as identified in this report.

AERC recommends that a cultural resource clearance be granted to Balcron Oil Division relative to the development of these proposed wells and access routes based upon adherence to the following stipulations:

1. all vehicular traffic, personnel movement, construction and restoration operations should be confined to the flagged areas and corridors examined as referenced in this report, and to the existing roadways;
2. all personnel should refrain from collecting artifacts and from disturbing any significant cultural resources in the area; and
3. the authorized official should be consulted should cultural remains from subsurface deposits be exposed during construction work or if the need arises to relocate or otherwise alter the location of the exploration area.



F. Richard Hauck, Ph.D.
President and Principal Investigator

REFERENCES

Fike, Richard E. and H. Blaine Phillips II

- 1984 "A Nineteenth Century Ute Burial from Northeast Utah." Cultural Resource Series No. 16, Bureau of Land Management, Salt Lake City.

Hauck, F. Richard

- 1981 Cultural Resource Inventory of Nine Proposed Well Locations and Access Roads in the Coyote Basin Locality of Uintah County, Utah, and in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Diamond Shamrock, DS-81-2, Archeological-Environmental Research Corporation, Bountiful.
- 1982 Cultural Resource Inventory of Five Proposed Well Locations and Access Roads in the Eightmile Flat and Castle Peak Localities of Uintah and Duchesne Counties, Utah. Report Prepared for Diamond Shamrock, DS-82-5, Archaeological-Environmental Research Corporation, Bountiful.
- 1984a Excavation (in) "A Nineteenth Century Ute Burial from Northeast Utah." Cultural Resource Series No. 16, Bureau of Land Management, (Richard E. Fike and Blaine Phillips II editors and principal authors) Salt Lake City.
- 1984b Cultural Resource Evaluations of Seven Proposed Well Locations Situated in the Castle Peak Draw Locality of Uintah County, Utah. Report Prepared for Overthrust Oil and Royalty Company, OORC-84-1, Archaeological-Environmental Research Corporation, Bountiful.
- 1991 Archaeological Evaluations on the Northern Colorado Plateau Cultural Area, AERC Paper No. 45, Archeological-Environmental Research Corporation, Bountiful.
- 1992a Cultural Resource Evaluations of Four Proposed Well Locations in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-2, Archeological-Environmental Research Corporation, Bountiful.
- 1992b Addendum to Cultural Resource Evaluations of Four Proposed Well Locations in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-4, Archeological-Environmental Research Corporation, Bountiful.

- 1992c Cultural Resource Evaluations of Seven Proposed Well Locations in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-5, Archeological-Environmental Research Corporation, Bountiful.
- 1992d Cultural Resource Evaluation of a Proposed Water Pipeline Corridor in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-6, Archeological-Environmental Research Corporation, Bountiful.
- 1992e Cultural Resource Evaluation of Seven Proposed Well Locations in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-8, Archeological-Environmental Research Corporation, Bountiful.
- 1993a Cultural Resource Evaluation of Nine Proposed Well Locations in the Castle Peak Draw Locality of Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-93-1, Archeological-Environmental Research Corporation, Bountiful.
- 1993b Addendum to Cultural Resource Evaluation of Nine Proposed Well Locations in the Castle Peak Draw Locality of Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-93-2, Archeological-Environmental Research Corporation, Bountiful.
- 1993c Cultural Resource Evaluation of a Pipeline Corridor Situated in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-93-3, Archeological-Environmental Research Corporation, Bountiful.

Hauck, F. Richard and Glade V Hadden

- 1993a Cultural Resource Evaluation of Seven Proposed Well Locations in the Monument Buttes Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-93-4, Archaeological-Environmental Research Corporation, Bountiful.
- 1993b Cultural Resource Evaluation of Four Proposed Well Locations in the Monument Buttes Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-93-5, Archaeological-Environmental Research Corporation, Bountiful.

- 1993c Cultural Resource Evaluation of Eight Proposed Well Locations in the Monument Buttes Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-93-9, Archaeological-Environmental Research Corporation, Bountiful.
- 1993d Cultural Resource Evaluation of Four Proposed Well Locations in the Monument Buttes and Pleasant Valley Localities of Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-93-10, Archaeological-Environmental Research Corporation, Bountiful.
- 1993e Cultural Resource Evaluation of Seven Proposed Wells in the Monument Buttes and Pleasant Valley Localities of Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-93-11, Archaeological-Environmental Research Corporation, Bountiful.
- 1994a Cultural Resource Evaluation of Eight Proposed Wells in the Pleasant Valley Locality of Uintah County, Utah. Report prepared for Balcron Oil Company, BLCR-94-3 Archaeological-Environmental Research Corporation, Bountiful.
- 1994b Cultural Resource Evaluation of Proposed Water Injection Line Lateral Segments in the Monument Buttes Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-94-4, Archaeological-Environmental Research Corporation, Bountiful.
- 1994c Cultural Resource Evaluation of Proposed Well Locations and Access Routes in the Pariette Draw - Castle Peak Draw - Eight Mile Flat Localities of Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-94-9, Archaeological-Environmental Research Corporation, Bountiful.
- 1994d Cultural Resource Evaluation of Proposed Well Locations and Access Routes in the Castle Peak Draw and Eight Mile Flat Localities of Duchesne and Uintah Counties, Utah. Report Prepared for Balcron Oil Company, BLCR-94-10, Archaeological-Environmental Research Corporation, Bountiful.
- 1994e Cultural Resource Evaluation of Two Proposed Balcron Monument State Well Locations and Access Routes in the Castle Peak Draw Locality of Uintah County, Utah. Report Prepared for Balcron Oil Company, BLCR-94-10b, Archaeological-Environmental Research Corporation, Bountiful.
- 1994f Cultural Resource Evaluation of Proposed Well Locations and Access Routes in the Monument Buttes and Pleasant Valley Localities of Duchesne and Uintah Counties, Utah. Report Prepared for Balcron Oil Company, BLCR-94-11, Archaeological-Environmental Research Corporation, Bountiful.

1995a Cultural Resource Evaluation of Proposed Well Locations and Access Routes in the Monument Buttes Locality of Duchesne County, Utah. Report Prepared for Balcron Oil Company, BLCR-95-1 & 2, Archaeological-Environmental Research Corporation, Bountiful.

1995b Cultural Resource Evaluation of a Series of Proposed Water Return Pipeline Routes in the Castle Peak Draw Locality of Duchesne County, Utah. Report Prepared for Balcron Oil Company, BLCR-95-7, Archaeological-Environmental Research Corporation, Bountiful.

Hauck, F. Richard and Norman, V. Garth

1980 Final Report on the Mapco River Bend Cultural Mitigation Study. AERC Paper No. 18, of the Archeological-Environmental Research Corporation, Bountiful.

Hauck, F. Richard and Dennis Weder

1989 Pariette Overlook -- A Paleo-Indian Quarry Site in the Pariette Draw Locality of Uintah County, Utah. AERC Paper No. 42, of the Archeological-Environmental Research Corporation, Bountiful.

Stokes, W. L.

1977 Physiographic Subdivisions of Utah. Map 43, Utah Geological and Mineral Survey, Salt Lake.



EQUITABLE RESOURCES
ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue
Billings, MT 59102

FEB - 5 1996

Office: (406) 259-7860
FAX: (406) 245-1365 ☐
FAX: (406) 245-1361 ☒

January 30, 1996

Bureau of Land Management
170 South 500 East
Vernal, UT 84078-2799

Gentlemen:

Enclosed are the Archeological Reports for the following Monument Federal wells:
#34-3-9-17Y, #31-9-10-17Y, #32-10-9-17Y, #11-11-9-17Y, #14-21-9-18Y, #43-
19-9-18Y, #32-20-9-18Y, #33-22-8-17Y, #33-17-9-17B, #23-17-9-17B, #44-31-
8-18Y, #33-6-9-16Y, and #41-35-9-18Y.

Sincerely,

Bobbie Schuman
Regulatory and
Environmental Specialist

/hs

cc: Utah Division of Oil, Gas and Mining

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 12/18/95

API NO. ASSIGNED: 43-013-31588

WELL NAME: MONUMENT FEDERAL 33-22-8-17
OPERATOR: EQUITABLE RESOURCES (N9890)

PROPOSED LOCATION:

NWSE 22 - T08S - R17E
SURFACE: 2295-FSL-1619-FEL
BOTTOM: 2295-FSL-1619-FEL
DUCHESNE COUNTY
UNDESIGNATED FIELD (002)

LEASE TYPE: FED
LEASE NUMBER: U - 67845

PROPOSED PRODUCING FORMATION: GRRV

INSPECT LOCATION BY: / /

TECH REVIEW	Initials	Date
Engineering		
Geology		
Surface		

RECEIVED AND/OR REVIEWED:

Y Plat
Y Bond: Federal ☒ State ☐ Fee ☐
(Number 5547188)
N Potash (Y/N)
N Oil shale (Y/N)
Y Water permit
(Number 47-1674)
N RDCC Review (Y/N)
(Date: _____)

LOCATION AND SITING:

____ R649-2-3. Unit: _____
____ R649-3-2. General.
☒ R649-3-3. Exception.
____ Drilling Unit.
____ Board Cause no: _____
____ Date: _____

COMMENTS: _____

STIPULATIONS: _____

STATE OF UTAH, DIV OF OIL, GAS & MINERALS

Operator: EQUITABLE RESOURCES	Well Name: MON BUTTE FED 33-22-
Project ID: 43-013-31588	Location: SEC. 22 - T08S - R17E

Design Parameters:

Mud weight (8.90 ppg) : 0.462 psi/ft
 Shut in surface pressure : 2489 psi
 Internal gradient (burst) : 0.070 psi/ft
 Annular gradient (burst) : 0.000 psi/ft
 Tensile load is determined using air weight
 Service rating is "Sweet"

Design Factors:

Collapse : 1.125
 Burst : 1.00
 8 Round : 1.80 (J)
 Buttress : 1.60 (J)
 Other : 1.50 (J)
 Body Yield : 1.50 (B)

Length (feet)		Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost	
1		6,350	5.500	15.50	K-55	ST&C	6,350	4.825	
	Collapse Load Strgth S.F. (psi) (psi)			Burst Load (psi)	Min Int Strgth (psi)	Yield S.F.	Tension Load Strgth S.F. (kips) (kips)		
1	2936	4040	1.376	2936	4810	1.64	98.43	222	2.26 J

Prepared by : MATTHEWS, Salt Lake City, Utah
 Date : 03-25-1996
 Remarks :

Minimum segment length for the 6,350 foot well is 1,500 feet.
 SICP is based on the ideal gas law, a gas gravity of 0.75, and a mean gas temperature of 118°F (Surface 74°F , BHT 163°F & temp. gradient 1.400°/100 ft.)
 String type: Production
 The mud gradient and bottom hole pressures (for burst) are 0.462 psi/ft and 2,936 psi, respectively.

NOTE: The design factors used in this casing string design are as shown above. As a general guideline, Lone Star Steel recommends using minimum design factors of 1.125 - collapse (with evacuated casing), 1.0 - (uniaxial) burst, 1.8 - API 8rd tension, 1.6 - buttress tension, 1.5 - body yield tension, and 1.6 - EUE 8rd tension. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and Kemler curve. Engineering responsibility for use of this design will be that of the purchaser.
 Costs for this design are based on a 1987 pricing model. (Version 1.07)



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

March 25, 1996

Equitable Resources Energy
1601 Lewis Avenue
Billings, Montana 59102

Re: Monument Federal #33-22-8-17 Well, 2295' FSL, 1619' FEL, NW SE, Sec. 22,
T. 8 S., R. 17 E., Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-31588.

Sincerely,


R. J. Firth
Associate Director

lwp

Enclosures

cc: Duchesne County Assessor

Bureau of Land Management, Vernal District Office

WAPD



Operator: Equitable Resources Energy

Well Name & Number: Monument Federal #33-22-8-17

API Number: 43-013-31588

Lease: U-67845

Location: NW SE Sec. 22 T. 8 S. R. 17 E.

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements

Notify the Division within 24 hours following spudding the well or commencing drilling operations. Contact Jimmie Thompson at (801)538-5340.

Notify the Division prior to commencing operations to plug and abandon the well. Contact Frank Matthews or Mike Hebertson at (801)538-5340.

3. Reporting Requirements

All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-67845
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME n/a
2. NAME OF OPERATOR Equitable Resources Energy Company, Balcron Oil Division		7. UNIT AGREEMENT NAME n/a
3. ADDRESS OF OPERATOR 1601 Lewis Avenue; Billings, MT 59102		8. FARM OR LEASE NAME Monument Federal
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface NW SE Section 22, T8S, R17E 2295' FSL, 1619' FEL At proposed prod. zone		9. WELL NO. #33-22-8-17
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE From Myton, Utah, approximately 12.7 miles SW		10. FIELD AND POOL, OR WILDCAT Pariette Draw/Green River
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 22, T8S, R17E
16. NO. OF ACRES IN LEASE OF OIL, GAS & MIN.		12. COUNTY OR PARISH 13. STATE Duchesne UTAH
17. NO. OF ACRES ASSIGNED TO THIS WELL		19. PROPOSED DEPTH 6,350'
20. ROTARY OR CABLE TOOLS Rotary		21. APPROX. DATE WORK WILL START* March 1, 1996
22. ELEVATIONS (Show whether DF, RT, GR, etc.) GL 5130'		

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See attached Drilling Program/Casing Design				

Operator proposes to drill this well in accordance with the attached EXHIBITS. A listing of EXHIBITS is also attached. As operator, we hereby request that the status of this well be held tight in accordance with Federal and State regulations.

SELF CERTIFICATION: I hereby certify that I am authorized, by proper lease interest owner, to conduct these operations associated with the application. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Equitable Resources Energy Company as principal and Safeco Insurance Company of America as surety under BLM Bond No. MT 0576 (Nationwide Oil & Gas Bond #5547188) who will be responsible for compliance with all of the terms and conditions of that portion of the lease associated with this application.

ORIGINAL: Bureau of Land Management (Vernal, UT)
COPY: Utah Division of Oil, Gas and Mining

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Berlin Chapman TITLE Regulatory and Environmental Specialist DATE December 14, 1995

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY [Signature] TITLE ASSISTANT DISTRICT DATE MAR 25 1996
CONDITIONS OF APPROVAL, IF ANY: _____

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

*See Instructions On Reverse Side

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Equitable Resources Energy Company

Well Name & Number: Balcron Monument Federal 33-22-8-17

API Number: 43-013-31588

Lease Number: U - 67845

Location: NWSE Sec. 22 T. 8S R. 17E

NOTIFICATION REQUIREMENTS

- | | | |
|---------------------------------|---|---|
| Location Construction | - | at least forty-eight (48) hours prior to construction of location and access roads. |
| Location Completion | - | prior to moving on the drilling rig. |
| Spud Notice | - | at least twenty-four (24) hours prior to spudding the well. |
| Casing String and Cementing | - | at least twenty-four (24) hours prior to running casing and cementing all casing strings. |
| BOP and Related Equipment Tests | - | at least twenty-four (24) hours prior to initiating pressure tests. |
| First Production Notice | - | within five (5) business days after new well begins, or production resumes after well has been off production for more than ninety (90) days. |

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands to Tim Ingwell of this office. Copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a 2M system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

The Vernal District Office shall be notified, at least 24 hours prior to initiating the pressure tests, in order to have a BLM representative on location during pressure testing.

3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the top of the Mahogany oil shale, identified at 2,606 ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

The Vernal District Office shall be notified at least 24 hours prior to the running and cementing of all casing strings, in order to have a BLM representative on location while running and cementing all casing strings.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

A cement bond log (CBL) will be run from the production casing shoe to \pm 2406 ft. and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The Vernal District Office shall be notified, during regular work hours (7:45 a.m.-4:30 p.m., Monday through Friday except holidays), at least 24 hours prior to spudding the well.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District Office within thirty (30) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling onlease or off-lease will have prior written approval from the AO.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted on initial meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease

site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approvals are necessary, please contact one of the following individuals:

Ed Forsman (801) 789-7077
Petroleum Engineer

Wayne P. Bankert (801) 789-4170
Petroleum Engineer

Jerry Kenczka (801) 789-1190
Petroleum Engineer

BLM FAX Machine (801) 781-4410

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids

Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste

Refinery wastes

Liquid and solid wastes generated by crude oil and tank bottom reclaimers

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids.

SURFACE USE PROGRAM
Conditions of Approval (COAs)

METHODS FOR HANDLING WASTE MATERIALS AND DISPOSAL

The reserve pit shall be lined with a synthetic liner that is a minimum of 12 mil thickness with sufficient bedding to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit.

Plans For Reclamation Of Location

When reclaiming the reserve pit, the pit liner will be torn and perforated before backfilling the reserve pit and the torn liner will be buried a minimum of four (4) feet deep. If this is a producing well and after the reclamation of the reserve pit and unused disturbed areas contact the authorized office to obtain a seed mixture to revegetate the areas.

At time of final abandonment the intent of reclamation will be to return the disturbed area to near natural conditions. Recontour the surface of the disturbed area to **blend all cuts, fills, road berms, and borrow ditches to be natural in appearance** with the surrounding terrain. After recontouring of the area any stockpiled topsoil will be spread over the surface, and the area reseeded and revegetated to the satisfaction of the authorized officer of the BLM. Contact the authorized officer of the BLM at the time of reclamation for the required seed mixture.

Other Information

Due to potential raptor habitat. If well site development and/or drilling will be done February 1 through July 15 a survey for raptors will need to be completed before these activities. Contact the authorized officer a minimum of 14 days prior to development or drilling to schedule a wildlife survey.

The operator or their contractor shall contact the BLM office at (801)789-1362, 48 hours prior to construction activities.



**EQUITABLE RESOURCES
ENERGY COMPANY**

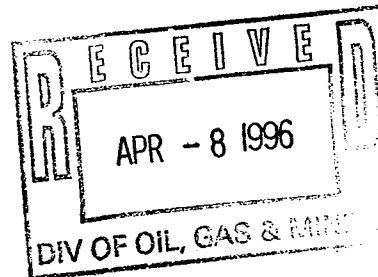
BALCRON OIL DIVISION

1601 Lewis Avenue
Billings, MT 59102

Office: (406) 259-7860
FAX: (406) 245-1365 ☐
FAX: (406) 245-1361 ☒

March 22, 1996

Utah Division of Oil, Gas and Mining
355 West North Temple
Salt Lake City, UT 84180



Gentlemen:

Effective April 1, 1996, our name will change from Equitable Resources Energy Company, Balcron Oil Division to Equitable Resources Energy Company. Attached is a sundry notice reflecting that change. To simplify paperwork, I have done one sundry notice with copies for each of the wells. To this letter I have attached a list of our wells for your ease in filing the sundry notices in the well files. This should be sufficient for your purposes.

I have the listings on a spreadsheet so if it would be easier for you to have them sorted differently (for example, the Montana Board of Oil and Gas prefers them sorted by API number), please give me a call at (406) 259-7860, extension 240 and I would be glad to provide a list to your specifications.

This change affects only our company name. The physical locations of our offices and the personnel remain the same. We will be changing our well signs and ask for your patience and cooperation as this will be done as soon as possible but may take some time since we do have so many properties at which to make the change.

If you have any questions, please do not hesitate to give me a call.

Sincerely,

Bobbie Schuman
Bobbie Schuman
Regulatory and
Environmental Specialist

/hs

Enclosures

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☐ GAS ☐ OTHER: See attached listing

2. Name of Operator:
Equitable Resources Energy Company, Balcron Oil Division

3. Address and Telephone Number:
1601 Lewis Avenue Avenue; Billings, MT 59102 (406) 259-7860

4. Location of Well
Footages: See attached listing
QQ, Sec., T., R., M.:

5. Lease Designation and Serial Number:

See attached listing

6. If Indian, Allottee or Tribe Name:

n/a

7. Unit Agreement Name:

See attached listing

8. Well Name and Number:

See attached listing

9. API Well Number:

See attached listing

10. Field and Pool, or Wildcat:

See attached listing

County: See attached list

State: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recomplete |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT (Submit Original Form Only)

- | | |
|---|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>Operator name change</u> | |

Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective April 1, 1996, operator will change its name from Equitable Resources Energy Company, Balcron Oil Division TO: Equitable Resources Energy Company. Physical location of the operator remains as: 1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860, FAX: (406) 145-1361. This is to report the operator name change only. It affects the wells on the attached listing.

APR - 8 1996

13.

Name & Signature:

Bobbie Schuman
Bobbie Schuman

Title:

Regulatory and

Environmental Specialist Date: March 27, 1996

(This space for State use only)

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1	LRP 7-83
2	DTB 58-FILE
3	VLD (GTL) 28
4	RJE
5	LEC
6	FLM

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

- ☐ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ~~XXX~~ **Operator Name Change Only**

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 4-1-96)

TO (new operator)	<u>EQUITABLE RESOURCES ENERGY COEROM</u> (former operator)	<u>EQUITABLE RESOURCES ENERGY CO</u>
(address)	<u>1601 LEWIS AVE</u>	(address) <u>BALCRON OIL DIVISION</u>
	<u>BILLINGS MT 59102-4126</u>	<u>1601 LEWIS AVE</u>
		<u>BILLINGS MT 59102-4126</u>
phone	<u>(406) 259-7860</u>	phone <u>(406) 259-7860</u>
account no.	<u>N9890</u>	account no. <u>N9890</u>

Well(s) (attach additional page if needed):

Name: **SEE ATTACHED**	API: <u>43-013-31588</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- See 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). Rec'd 4-4-96 & 4-8-96
- N/A 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form).
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) ____ If yes, show company file number: _____.
- * 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- See 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) ~~for each well listed above.~~ (4-10-96)
- See 6. Cardex file has been updated for each well listed above. (4-11-96)
- See 7. Well file labels have been updated for each well listed above. (4-11-96)
- See 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (4-10-96)
- See 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Yes 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only) # 5578314 (\$80,000) Seleo Ins. Co. (Bond Rider In Progress)

- Yes 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
- N/A 3. The former operator has requested a release of liability from their bond (yes/no) . Today's date 19 . If yes, division response was made by letter dated 19 .

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 19 , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- 4/26/96 2. Copies of documents have been sent to State Lands for changes involving State leases.
Sent to Ed Bonner - Trust Lands

FILMING

- Yes 1. All attachments to this form have been microfilmed. Date: 2-23 1998.

FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

9/604/10 BLM/BIA "Formal approval not necessary"

Record#	OPERATOR	well_name	API_NUMBER	SECTION	TOWNSHIP	RANGE	DATEAPPRVD
1937	EQUITABLE RESOURCES	BALCRON MONUMENT FEDERAL 14-4	43-013-31430	04	09S	16E	12/20/93
2282	EQUITABLE RESOURCES	BALCRON MONUMENT FED 12-14J	43-013-31488	14	09S	16E	03/27/95
2283	EQUITABLE RESOURCES	BALCRON MONUMENT FED 22-14J	43-013-31489	14	09S	16E	03/07/95
2284	EQUITABLE RESOURCES	BALCRON MONUMENT FED 32-14J	43-013-31490	14	09S	16E	03/07/95
2285	EQUITABLE RESOURCES	BALCRON MONUMENT FED 42-14J	43-013-31491	14	09S	16E	04/20/95
2375	EQUITABLE RESOURCES	BALCRON MONUMENT FEDERAL 14-26	43-013-31512	26	08S	16E	04/20/95
2472	EQUITABLE RESOURCES	BALCRON MON FED 11-10-9-17Y	43-013-31534	10	09S	17E	/ /
2609	EQUITABLE RESOURCES	MONUMENT STATE 23-16-9-17B	43-013-31578	16	09S	17E	01/03/96
2613	EQUITABLE RESOURCES	MONUMENT FEDERAL 23-17-9-17B	43-013-31582	17	09S	17E	02/05/96
2614	EQUITABLE RESOURCES	MONUMENT FEDERAL 13-22-8-17Y	43-013-31583	22	08S	17E	02/22/96
2618	EQUITABLE RESOURCES	MONUMENT FEDERAL 32-22-8-17	43-013-31586	22	08S	17E	02/20/96
2619	EQUITABLE RESOURCES	MONUMENT FEDERAL 31-22-8-17	43-013-31587	22	08S	17E	02/20/96
2620	EQUITABLE RESOURCES	MONUMENT FEDERAL 33-22-8-17	43-013-31588	22	08S	17E	03/25/96
2621	EQUITABLE RESOURCES	MONUMENT FEDERAL 33-6-9-16Y	43-013-31589	06	09S	16E	04/15/96
2622	EQUITABLE RESOURCES	MONUMENT FEDERAL 31-10-9-17Y	43-013-31591	10	09S	17E	/ /
2623	EQUITABLE RESOURCES	MONUMENT FEDERAL 32-10-9-17Y	43-013-31592	10	09S	17E	02/22/96
2201	EQUITABLE RESOURCES	ASP FEDERAL 1	43-027-30033	12	16S	19W	04/27/95
2539	EQUITABLE RESOURCES	COBRA FEDERAL 42-35	43-027-30037	35	15S	19W	/ /
1942	EQUITABLE RESOURCES	BALCRON MONUMENT FEDERAL 41-26	43-047-32456	26	08S	17E	12/21/93
2099	EQUITABLE RESOURCES	BALCRON MONUMENT FEDERAL 42-26	43-047-32531	26	08S	17E	06/01/95
2264	EQUITABLE RESOURCES	BALCRON MONUMENT STATE 32-2	43-047-32609	02	09S	17E	12/29/94
2267	EQUITABLE RESOURCES	BALCRON MONUMENT STATE 34-2	43-047-32611	02	09S	17E	12/29/94
2376	EQUITABLE RESOURCES	BALCRON MONUMENT FEDERAL 43-26	43-047-32668	26	08S	17E	05/08/95
2481	EQUITABLE RESOURCES	BALCRON MON FEDERAL 23-24-8-17	43-047-32710	24	08S	17E	02/13/96
2625	EQUITABLE RESOURCES	MONUMENT FEDERAL 32-20-9-18Y	43-047-32725	20	09S	18E	02/06/96
2635	EQUITABLE RESOURCES	MONUMENT FED 41-35-9-18Y	43-047-32727	35	09S	18E	04/15/96
2636	EQUITABLE RESOURCES	MONUMENT FED 44-31-8-18Y	43-047-32728	31	08S	18E	/ /
2637	EQUITABLE RESOURCES	MONUMENT FEDERAL 43-19-9-18Y	43-047-32730	19	09S	18E	02/05/96

OH/Pending Status

UTAH

Monument Federal #33-22-8-17	Monument Butte	NW SE	22	8S	17E	Duchesne	UT	PND	Green River	U-67845			2295' FSL, 1950' FEL	Vernal	
Monument Federal #41-18-9-16Y	Monument Butte	NE NE	18	9S	16E	Duchesne	UT	PND	Green River	U-74390				Vernal	
Monument Federal #41-35-9-18Y	Monument Butte	NE NE	35	9S	18E	Uintah	UT	PND	Green River	U-68618			500' FNL, 660' FEL	Vernal	
Monument Federal #42-6-9-16Y	Monument Butte	SE NE	6	9S	16E	Duchesne	UT	PND	Green River	U-74390				Vernal	
Monument Federal #42-20-9-16	Monument Butte	SE NE	20	9S	16E	Duchesne	UT	PND	Green River	U-52108				Vernal	
Monument Federal #43-6-9-16Y	Monument Butte	NE SE	6	9S	16E	Duchesne	UT	PND	Green River	U-74390				Vernal	
Monument Federal #43-19-9-18Y	8 Mile Flat	NE SE	19	9S	18E	Uintah	UT	PND	Green River	U-65635			2140' FSL, 500' FEL	Vernal	
Monument Federal #44-17-9-16	Monument Butte	SE SE	17	9S	16E	Duchesne	UT	PND	Green River	U-52108				Vernal	
Monument Federal #44-31-8-18Y	Monument Butte	SE SE	31	8S	18E	Uintah	UT	PND	Green River	U-65969			915' FSL, 759' FEL	Vernal	
Monument State #13-16-9-17B	Monument Butte	NW SW	16	9S	17E	Duchesne	UT	PND	Green River	State ML-3453-B	43-013-31580		1980' FSL, 660' FWL		Beluga
Monument State #22-16-9-17B	Monument Butte	SE NW	16	9S	17E	Duchesne	UT	PND	Green River	State ML-3453-B	43-013-31579		1824' FNL, 1981' FWL		Beluga
Monument State #23-16-9-17B	Monument Butte	NE SW	16	9S	17E	Duchesne	UT	PND	Green River	State ML-3453-B	43-013-31578		1980' FSL, 1980' FWL		Beluga
Monument State #31-2-9-17	Monument Butte	NW NE	2	9S	17E	Uintah	UT	PND	Green River	State ML-45555	43-013-31563		500' FNL, 1980' FEL		
Paiute Federal #11-17	Monument Butte	NW NW	17	9S	17E	Duchesne	UT	Oil	Green River	U-3563-A	43-047-30516		661' FNL, 664' FWL	Vernal	Beluga
Paiute Federal #24-8	Monument Butte	SE SW	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-30675		660' FSL, 1980' FWL	Vernal	Beluga
Paiute Federal #34-8	Monument Butte	SW SE	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-30778		660' FSL, 1980' FEL	Vernal	Beluga
Paiute Federal #43-8	Monument Butte	NE SE	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-30777		1958' FSL, 711' FEL	Vernal	Beluga
Pariette Bench #4 SWD	Pariette Bench	SW SE	7	9S	19E	Uintah	UT	SWD	Green River	U-017992	43-047-15681		660' FSL, 1980' FEL	Vernal	Pariette Bench
Pariette Bench Federal #14-5	Pariette Bench	SW SW	5	9S	19E	Uintah	UT	Oil	Green River	U-017992	43-047-31123		605' FSL, 479' FWL	Vernal	
Pariette Bench Federal #32-6	Pariette Bench	SW NE	6	9S	19E	Uintah	UT	OSI	Green River	U-50385	43-047-31554		2117' FNL, 2123' FEL	Vernal	
Pariette Bench Federal #41-7	Pariette Bench	NE NE	7	9S	19E	Uintah	UT	Oil	Green River	U-017992	43-047-31584		1008' FNL, 1282' FEL	Vernal	Pariette Bench
Pariette Bench Federal #43-6	Pariette Bench	NE SE	6	9S	19E	Uintah	UT	Oil	Green River	U-017992	43-047-31616		2044' FSL, 721' FEL	Vernal	
Pariette Bench Unit #2	Pariette Bench	SW NE	7	9S	19E	Uintah	UT	Oil	Green River	U-022684-A	43-047-15680		2030' FNL, 1830' FEL	Vernal	Pariette Bench
POMCO #2	Monument Butte	NW SE	18	9S	17E	Duchesne	UT	OTA	Green River	U-3563	43-013-30505		1980' FSL, 1980' FEL	Vernal	Beluga
POMCO #4	Monument Butte	SW SW	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-103-30506		660' FSL, 660' FWL	Vernal	Beluga
POMCO #5	Monument Butte	NW SW	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-30499		1980' FSL, 660' FWL	Vernal	Beluga
State #16-2	Monument Butte	NE NE	16	9S	17E	Duchesne	UT	OSI	Green River	State ML-3453-B	43-013-30552		871' FNL, 748' FEL		
Sue Morris #16-3	Monument Butte	NE NW	16	9S	17E	Duchesne	UT	OSI	Green River	State ML-3453-B	43-013-30562		660' FNL, 1980' FWL		Beluga
TXO Federal #1	Coyote Basin	SW NE	5	8S	25E	Uintah	UT	Oil	Green River	U-41376	43-047-31406		1918' FNL, 1976' FEL	Vernal	Coyote Basin
TXO Federal #2	Coyote Basin	SW SE	5	8S	25E	Uintah	UT	OTA	Green River	U-41376	43-047-31567		2085' FNL, 819' FEL	Vernal	Coyote Basin
Walton Federal #1	Monument Butte	SE SE	11	9S	16E	Duchesne	UT	Oil	Green River	U-096550	43-013-15792		706' FSL, 704' FEL	Vernal	Jonah
Walton Federal #2-14	Monument Butte	NW NE	14	9S	16E	Duchesne	UT	Oil	Green River	U-096550	43-013-15793		542' FNL, 1869' FEL	Vernal	Jonah
Walton Federal #34-11	Monument Butte	SW SE	11	9S	16E	Duchesne	UT	WIW	Green River	U-096550	43-013-31003		537' FSL, 2092' FEL	Vernal	Jonah
Walton Federal #4-11	Monument Butte	SE NW	11	9S	16E	Duchesne	UT	Oil	Green River	U-096550	43-013-15795		1980' FNL, 1975' FWL	Vernal	Jonah

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Equitable Resources Energy Company

3. Address and Telephone No.

1601 Lewis Avenue, Billings, MT 59102 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SW NE Section 22, T8S, R17E
1980' FNL & 1980' FEL

5. Lease Designation and Serial No.

U-67845

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

n/a

8. Well Name and No.

Monument Fed. #32-22-8-17

9. API Well No.

43-013-31588

10. Field and Pool, or Exploratory Area

Monument Butte/Green River

11. County or Parish, State

Duchesne County, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

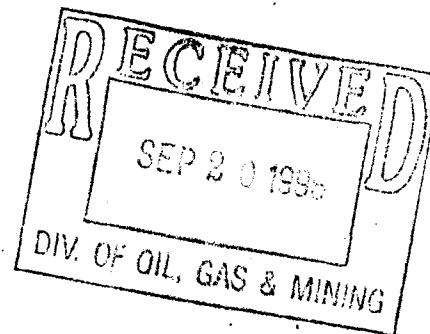
TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Site Security Diagram
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Attached is the Site Security Diagram for this well.



Original: Bureau of Land Management, Vernal District Office
Copy to: State of Utah, Division of Oil, Gas, & Mining

14. I hereby certify that the foregoing is true and correct

Signed

Molly Conrad

Title

Operations Secretary

Date

9-18-96

(This space for Federal or State office use)

Approved by

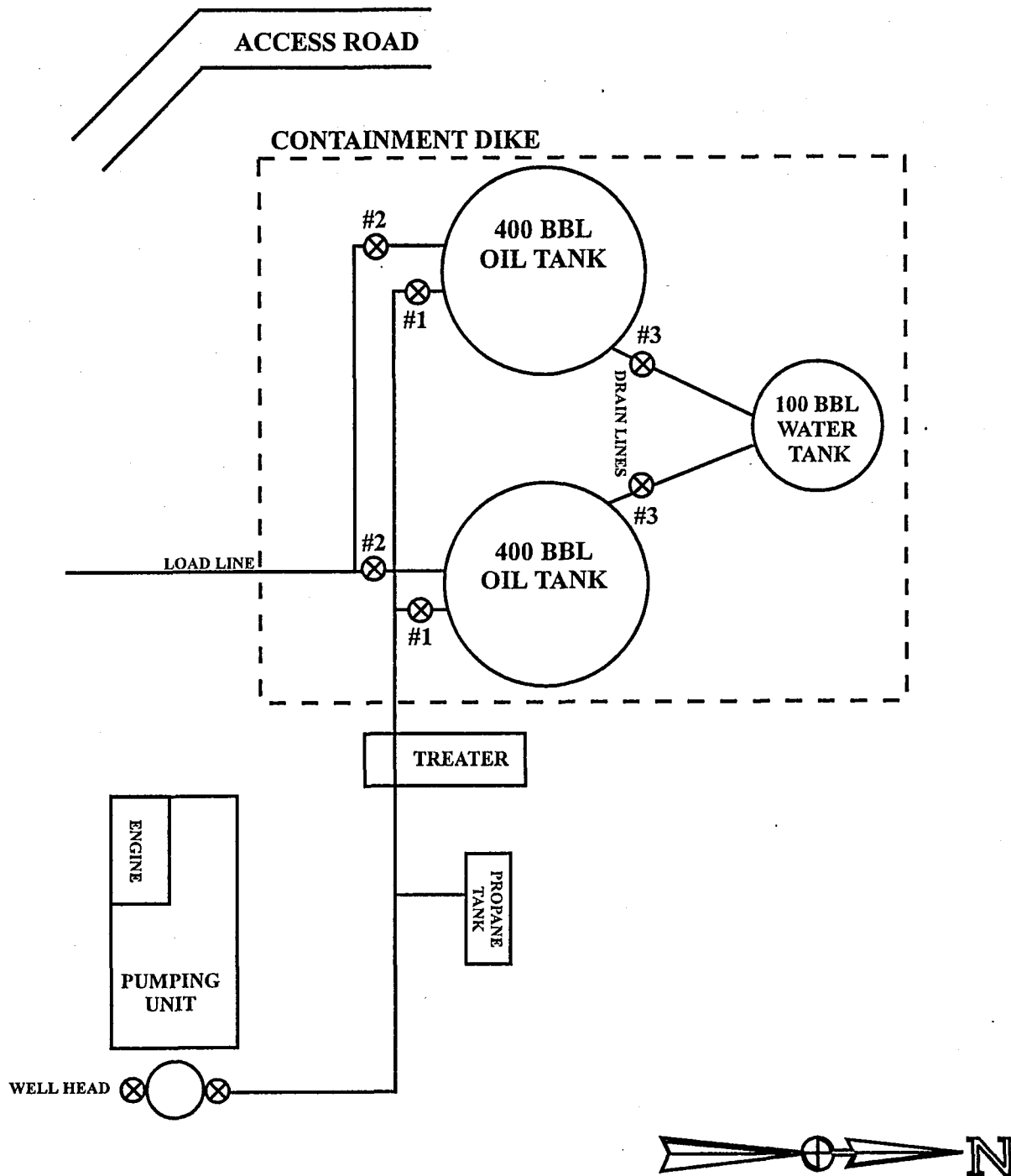
Conditions of approval, if any:

Title

Date

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side



VALVE DESCRIPTION		
	DURING PROD.	DURING SALES
VALVE #1	OPEN	CLOSED
VALVE #2	CLOSED	OPEN
VALVE #3	CLOSED	CLOSED

DIAGRAM NOT TO SCALE



PLAN LOCATED AT:
**EQUITABLE RESOURCES
 ENERGY COMPANY**
 WESTERN REGION

1601 Lewis Avenue
 Billings, MT 59102
 (406) 259-7860

JULY 11, 1996

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Equitable Resources Energy Company

3. Address and Telephone No.

1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NW SE Section 22, T8S, R17E
2295' FSL, 1619' FEL

5. Lease Designation and Serial No.

U-67845

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

n/a

8. Well Name and No.

Mon. Fed. #33-22-8-17

9. API Well No.

43-013-31588

10. Field and Pool, or Exploratory Area

Mon. Butte/Green River

11. County or Parish, State

Duchesne County, UTAH

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☒ Altering Casing
☐ Other

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

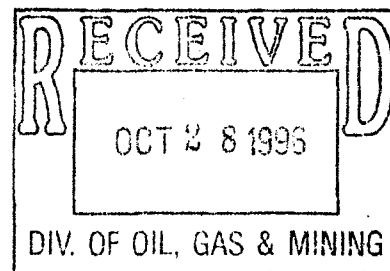
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

✓ This well was spud at 3:30 p.m. on 10/24/96.

CONFIDENTIAL

ORIGINAL: Bureau of Land Management (Vernal, UT)
COPY: Utah Division of Oil, Gas and Mining



14. I hereby certify that the foregoing is true and correct

Signed

Bobbie Schuman

Title

Regulatory and
Environmental Specialist

Date

October 25, 1996

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

OPERATOR Equitable Resources Energy Company OPERATOR ACCT. NO. 9890
ADDRESS 1601 Lewis Avenue
Billings, MT 59102

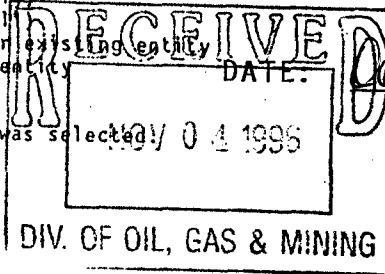
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QO	SC	TP	RG	COUNTY		
A	99999	12024	43-013-31588	Mon. Fed. #33-22-8-17	NWSE	22	8S	17E	Duchesne	10/24/96	10/24/96
WELL 1 COMMENTS: <i>Entity added 11-5-96. Lee</i>											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected

(3/89)



Bobbie Schuman
Regulatory and
Environmental Specialist
Title XXXXXX
Phone No. (406) 259-7860

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Equitable Resources Energy Company

3. Address and Telephone No.

1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NW SE Section 22, T8S, R17E
2295' FSL, 1619' FEL

5. Lease Designation and Serial No.
U-67845

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation
n/a

8. Well Name and No.
Mon. Fed. #33-22-8-17

9. API Well No.
43-013-31588

10. Field and Pool, or Exploratory Area
Mon. Butte/Grn. River

11. County or Parish, State
Duchesne County, UTAH

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other 1st production

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Well started production at 12 p.m. 12/3/96.

ORIGINAL: Bureau of Land Management (Vernal, UT)
COPY: Utah Division of Oil, Gas and Mining

14. I hereby certify that the foregoing is true and correct

Signed

Bobbie Schuman
Bobbie Schuman
(This space for Federal or State office use)

Title

Regulatory and
Environmental Specialist

Date

December 4, 1996

Approved by

Conditions of approval, if any:

Title

Date

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

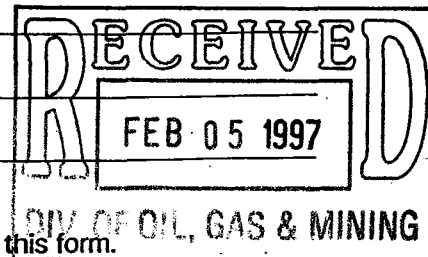
STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

REPORT OF WATER ENCOUNTERED DURING DRILLING

1. Well name and number: MONUMENT FEDERAL #33-22-8-17API number: #43-013-315882. Well Location: QQ Section 22 Township 8 Range 17 County Duchesne3. Well operator: EQUITABLE RESOURCES ENERGY COMPANYAddress: 1601 LEWIS AVENUEBILLINGS, MT 59102Phone: (406) 259-78604. Drilling contractor: UNION DRILLINGAddress: DRAWER 40BUCKHANNON, WEST VA 26201Phone: (304) 472-4610

5. Water encountered (attach additional pages as needed):

DEPTH		VOLUME (FLOW RATE OR HEAD)	QUALITY (FRESH OR SALTY)
FROM	TO		
		(NO MEASURABLE WATER DURING DRILLING OPERATIONS.)	

6. Formation tops: SEE COMPLETION.

If an analysis has been made of the water encountered, please attach a copy of the report to this form.

I hereby certify that this report is true and complete to the best of my knowledge.

Date: 1-20-97Name & Signature: Bobbie SchumanTitle: Regulatory Specialist

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved,
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVR. ☐ Other _____

CONFIDENTIAL

2. NAME OF OPERATOR
EQUITABLE RESOURCES ENERGY COMPANY

3. ADDRESS OF OPERATOR
1601 LEWIS AVENUE BILLINGS, MT 59102 (406)259-7860

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 2295' FSL, 1619' FEL

At top prod. interval reported below

At total depth

CONFIDENTIAL

14. PERMIT NO. #43-013-31588
DATE ISSUED 3-25-97

5. LEASE DESIGNATION AND SERIAL NO.

U-67845

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

n/a

7. UNIT AGREEMENT NAME

n/a

8. FARM OR LEASE NAME

Monument Federal

9. WELL NO.

#33-22-8-17

10. FIELD AND POOL, OR WILDCAT

Mon. Butte/Green River

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

NW SE, Section 22, T8S, R17E

12. COUNTY OR PARISH
Duchesne

13. STATE
Utah

15. DATE SPUDDED 10-24-96
16. DATE T.D. REACHED 11-2-96
17. DATE COMPL. (Ready to prod.) 12-3-96
18. ELEVATIONS (DF, RKB, RT, OR, ETC.)* 5130' GL
19. ELEV. CASINGHEAD n/a

20. TOTAL DEPTH, MD & TVD 6351'
21. PLUG, BACK T.D., MD & TVD 6284'
22. IF MULTIPLE COMPL., HOW MANY* n/a
23. INTERVALS DRILLED BY SFC-TD
ROTARY TOOLS CABLE TOOLS
n/a

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
4640'—5950' GREEN RIVER
25. WAS DIRECTIONAL SURVEY MADE NO

26. TYPE ELECTRIC AND OTHER LOGS RUN
DLL/GR CBL/GR LDT/CNL
27. WAS WELL CORED NO

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	253.90'KB	12-1/4"	160 sxs "G" w/additives	None
5-1/2"	15.5#	6331.92'KB	7-7/8"	260 sxs Super "G" + 485 sxs 50/50 poz w/addites	None

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
n/a					2-7/8"	4619.00'KB	n/a

31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
4640'-4648' (4 SPF)	4698'-4700' (4 SPF)	4754'-4760' (4 SPF)	5754'-5760' (4 SPF)	5923'-5950' (2 SPF)	
				DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
				(SEE ATTACHMENT)	FOR DETAILS

33.* PRODUCTION
DATE FIRST PRODUCTION 12-03-96
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) 1-1/2" INSERT PUMP
WELL STATUS (Producing or shut-in) PRODUCING

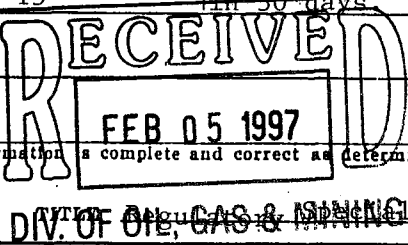
DATE OF TEST Will Submit in 30 days.
HOURS TESTED 24
CHOKE SIZE n/a
PROD'N. FOR TEST PERIOD 15
OIL—BBL. Will Submit in 30 days.
GAS—MCF. Will Submit in 30 days.
WATER—BBL. 3
GAS-OIL RATIO Will Submit in 30 days.
FLOW. TUBING PRESS. n/a
CASING PRESSURE n/a
CALCULATED 24-HOUR RATE 15
OIL—BBL. Will Submit in 30 days.
GAS—MCF. Will Submit in 30 days.
WATER—BBL. 3
OIL GRAVITY-API (CORR.) 34

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) USED FOR FUEL.
TEST WITNESSED BY DALE GRIFFIN

35. LIST OF ATTACHMENTS #32

36. I hereby certify that the foregoing and attached information is a complete and correct as determined from all available records

SIGNED Bobbie Schuman



DATE 1-20-97

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			NO DST's run. /	2nd Garden Gulch Yellow Marker Douglas Creek 2nd Douglas Creek Green Marker Carbonate Marker	4384' 5011' 5170' 5443' 5581' 6061'	4384' 5011' 5170' 5443' 5581' 6061'

**ATTACHMENT TO COMPLETION REPORT
MONUMENT FEDERAL # 33-22-8-17
NW SE SECTION 22, T8S, R17E
DUCHESNE COUNTY, UTAH**

<u>DEPTH INTERVAL</u>	<u>AMOUNT AND KIND OF MATERIAL USED</u>
4640'-4648'	Break down with 2,352 gallons 2% KCL water. Fracture with 42,300# 16/30 mesh sand 15,918 gallons 2% KCL gelled water.
4698'-4700'	Break down with 1,806 gallons 2% KCL water. Fracture with 42,300# 16/30 mesh sand 15,918 gallons 2% KCL gelled water.
4754'-4760'	Break down with 2,184 gallons 2% KCL water. Fracture with 42,300# 16/30 mesh sand 15,918 gallons 2% KCL gelled water.
5754'-5760'	Break down with 2,394 gallons 2% KCL water. Fracture with 6,800# 20/40 mesh sand and 11,800 16/30 mesh sand with 12,180 gallons 2% KCL gelled water.
5923'-5950'	Break down with 3,948 gallons 2% KCL water. Fracture with 25,200# 20/40 mesh sand and 57,660# 16/30 mesh sand with 23,940 gallons 2% KCL water.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

U-67845

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

n/a

8. Well Name and No.

Mon. Fed. #33-22-8-17

9. API Well No.

43-013-31588

10. Field and Pool, or Exploratory Area

Mon. Butte/Green River

11. County or Parish, State

Duchesne County, Utah

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

EQUITABLE RESOURCES ENERGY COMPANY

3. Address and Telephone No.

1601 LEWIS AVENUE BILLINGS, MT 59102 (406)259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NW SE SECTION 22, T8S, R17E

2295' FSL, 1619' FEL

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Onshore Order #7
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Any water produced by this well will be held in a produced water tank and trucked to a commercial disposal facility. The primary facility to be used is the R.N. Industries produced water disposal facility located in Section 9, T2S, R2W in Duchesne County, Utah. A copy of the State-issued permit for that facility is on file at the Vernal Bureau of Land Management. If for some reason the operator is unable to use this primary disposal facility, the produced water will be trucked to another State-approved disposal facility. If applicable, Operator has received approved Right-of-Way access to this well location for the Vernal Bureau of Land Management.

14. I hereby certify that the foregoing is true and correct

Signed Bobbie Schuman

Title REGULATORY SPECIALIST

Date 1-20-97

(This space for Federal or State office use)

Approved by _____

Title _____

Date _____

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

EQUITABLE RESOURCES ENERGY COMPANY

3. Address and Telephone No.

1601 LEWIS AVENUE BILLINGS, MT 59102 (406)259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NW SE SECTION 22, T8S, R17E
2295' FSL, 1619' FEL

5. Lease Designation and Serial No.

U-67845

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

n/a

8. Well Name and No.

Mon. Fed. 33-22-8-17

9. API Well No.

#43-013-31588

10. Field and Pool, or Exploratory Area

Mon. Butte/Green River

11. County or Parish, State

Duchesne County, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other SITE SECURITY DIAGRAM
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drill give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

ATTACHED IS SITE SECURITY DIAGRAM FOR THIS WELL.

14. I hereby certify that the foregoing is true and correct

Signed

Bobbie Schuman

Title

REGULATORY SPECIALIST

Date

1-20-97

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

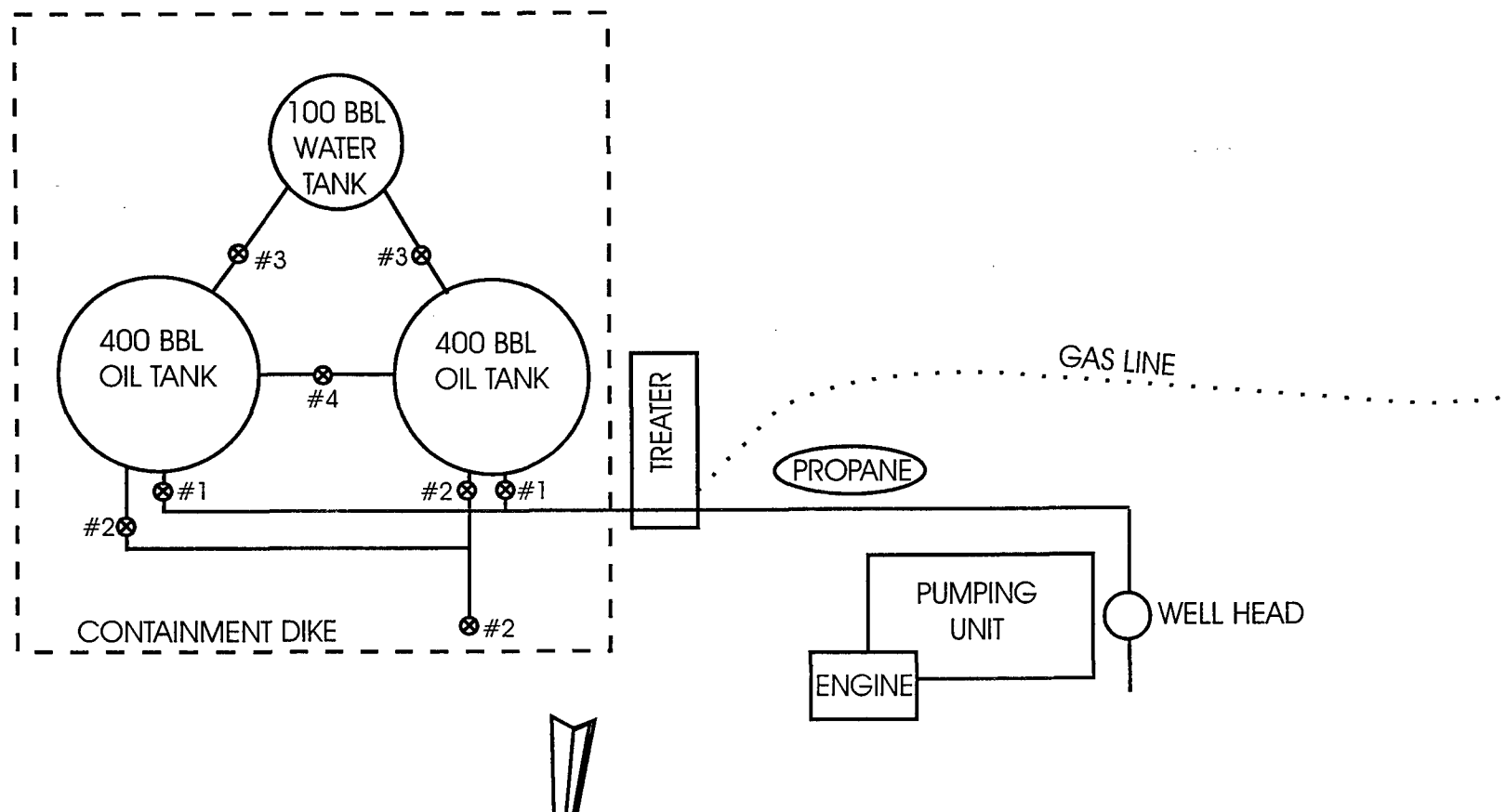
Date

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*See instruction on Reverse Side

EQUITABLE RESOURCES ENERGY COMPANY
 MONUMENT FEDERAL #33-22-8-17
 PRODUCTION FACILITY DIAGRAM

MONUMENT FEDERAL #33-22-8-17
 NW SE SEC. 22, T8S, R17E
 DUCHESNE COUNTY, UTAH
 FEDERAL LEASE #U-67845



VALVE DESCRIPTION		
	DURING PROD.	DURING SALES
VALVE #1	OPEN	CLOSED
VALVE #2	CLOSED	OPEN
VALVE #3	CLOSED	CLOSED
VALVE #4	OPEN	CLOSED

DIAGRAM NOT TO SCALE



PLAN LOCATED AT:

**EQUITABLE RESOURCES
 ENERGY COMPANY**
 WESTERN REGION

1601 Lewis Avenue
 Billings, MT 59102
 (406) 259-7860

JANUARY 15, 1997

DAILY OPERATING REPORT

MONUMENT FEDERAL #33-22-8-17

Location: NW SE Section 22, T8S, R17E

Duchesne County, Utah

2295' FSL & 1619' FEL

API #43-013-31588

PTD: 6,350' Formation: Green River

Pariette Draw

Elevations: 5130' GL

Contractor: Union Drilling

Operator: EREC Western Region

Spud:

Casing:

---TIGHT HOLE---

Tubing:

- 10/25/96 TD: 275' (265') Day 1
Formation: Sand & Shale
Present Operation: Running 8-5/8" Csg
MIRU. Drill & set rat hole. Spud 17-1/2" hole @ 3:30 PM. Set 1 jt 13-3/8" conductor pipe, Drill 12-1/4" hole to TD of 275' @ 2:45 AM, 10-25-96. Cleaned hole, TOOH, nipped down. Presently running 8-5/8" csg.
- 10/26/96 TD: 870' (595') Day 2
Formation: Sand & Shale
Finished running 8-5/8", J-55, 24# csg as follows:
- | | |
|------------------|---------|
| Shoe | .90' |
| Shoe Jt. | 42.60' |
| Baffle Plate | 0.00' |
| 5 jts csg | 200.40' |
| Total Csg Length | 243.90' |
| Landing Jt. | 10.00' |
| Depth Landed | 253.90' |
- Cement by BJ Servicesw/160 sxs G + 2% CaCl₂ + 1/4#/sx Cello Flake. Spud @ 4:00 PM, plug down @ 5:15AM. Return 5 bbls to pit.. NU & press test. TIH, Blew wtr, drilled cement & new 7-7/8" hole.
DC: \$10,710 CC: \$15,660
- 10/27/96 TD: 2140' (1270') Day 3
Formation: Sand & Shale
Present Operation: Drilling 7-7/8" hole
Drilled 1270' of 7-7" hole w/air & foam. Ran surveys.
DC: \$22,860 CC: \$38,520
- 10/28/96 TD: 3231' (1961') Day 4
Formation: Sand & Shale
Present Operation: Drilling 7-7/8" hole

Drilled 1961' of 7-7/8" hole w/foam. Ran 2 surveys @ 2500' - 1-1/2° & 3000' - 1-3/4° and service rig.
DC: \$35,298 CC: \$73,818

10/29/96 TD: 4202' (971') Day 5
Formation: Sand & Shale
Present Operation: Drilling 7-7/8" hole
Drilled 971' of 7-7/8" hole, serviced rig, ran surveys @ 3500' - 2° & 4000' - 1-3/4°. DC: \$17,478 CC: \$91,296

10/30/96 TD: 4420' (218') Day 6
MW 8.4 Vis - fresh water
Formation: Sand & Shale
Present Operation: Drilling 7-7/8" hole
Trip to change over to fluid w/mud motor, circulate hole & drill 7-7/8" hole on fluid. DC: \$3,924 CC: \$95,220

10/31/96 TD: 5230' (810') Day 7
Formation: Sand & Shale
Present Operation: Drilling 7-7/8" hole
Drill 7-7/8" hole on fluid, service rig & ran 2 surveys. DC: \$14,580 CC: \$109,800

11/01/96 TD: 5925' (695') Day 8
Formation: Shale
Present Operation: Drilling 7-7/8" hole
Drill 695' of 7-7/8" hole on fluid (KCL & wtr). Ran one survey @ 5520' - 2° & service rig & equipment. DC: \$12,510 CC: \$122,310

11/02/96 TD: 6350' (425') Day 9
Formation: Sand & Shale
Present Operation: Log Well
Drill 425' of 7-7/8" hole, ran survey @ 6050'. TD well @ 6350'. Circulate hole, TOOH, LD drill pipe & collars. RU loggers & log well. DC: \$7,650 CC: \$129,960

10/03/96 TD: 6350' (0') Day 10
Present Operation: Wait on Location
Finish logging well, RU to run & run csg. Cement csg. & rig down. Shut down & wait on location. DC: \$ CC: \$129,960

10/03/96 (Revised) TD: 6350' (0') Day 10
Present Operation: Wait on Location
Finish logging well, RU to run & run 5-1/2", 15.5#, J-55 csg as follows:
Shoe .90'
Shoe Jt. 43.15'
Float Collar 1.10'
149 jts csg 6276.77'

Total csg length	6321.91'
Landing Jt.	10.00'
Depth Landed	6331.92' KB
PBTD	6286.77' KB

Cement csg w/ lead = 260 sxs Super "G" + 3% salt + 2% gel + 2#/sx Kol-seal + ¼#/sx Cello Flake. Tail = 485 sxs 50/50 poz + 2% gel + ¼#/sx Cello Flake + 2#/sx Kol-seal.
 Rig down. Shut down & wait on location.
 DC: \$ CC: \$129,960

10/06/96 Waiting on Completion. Drop from report until then.

11/08/96 Completion
 Dress up location. Set rig anchors, set rig pump & tanks. MIRU Cannon Well Service Rig #2. TIH w/4-3/4" bit, csg scraper & 203 jts 2-7/8" tbg. Tag PBTD @ 6284' KB. Circulate hole clean w/150 bbls 2% KCL wtr. Pressure test csg to 1000 psi, OK. TOOH w/tbg & tools. SWIFD.
 DC: \$1,516 CC: \$131,476

11/08/96 Completion
 RU Schlumberger to run CBL & perf. Run CBL from 6268' KB to 1150' KB w/1000 psi. Top of cement @ 1372' KB. Perf 5923' - 5950', 2 SPF. TIH w/TS RBP, retrieving tool, 2-3/8" x 4' sub, HD pkr, 2-7/8" SN, 192 jts 2-7/8" tbg. Could not set BP. TOOH w/tbg & tools. TIH w/tbg, pkr & BP. Set BP @ 5989' KB, EOT @ 5860' KB, pkr @ 5853' KB.
 DC: \$10,809 CC: \$142,285

11/11/96 Completion
 RU BJ Services to break down & frac 5923' - 5950'. Break down w/3,948 gals 2% KCL wtr. ATP = 2750 psi, ATR = 3.6 bpm, ISIP = 2000 psi. Used 94 bbls wtr. Release pkr, TOOH w/tbg, pkr & retrieving tool, Frac 5923' - 5950' w/23,940 gals 2% KCL gelled wtr, 25,200 lbs 20/40 mesh sand & 57,660 lbs 16/30 mesh sand. ATP = 2650 psi, ATR = 31.0 bpm, ISIP = 2560 psi, 5 min = 2360 psi, 10 min = 2260 psi, 15 min = 2190 psi, 30 min = 2050 psi. Used 570 bbls wtr. Start forced closure flow back, .6 bpm. Flow back 195 bbls wtr, estimated 500 lbs sand. Tih w/retrieving tool, 2-3/8" x 4' sub, HD pkr, SN & 189 jts tbg. Tag sand @ 5871' KB. Circulate down to BP @ 5989' KB. Set pkr @ 5853' KB. SWIFN.
 DC: \$34,399 CC: \$176,684

11/12/96 Completion
 Flow back 7 bbls wtr. Made 36 swab runs. Recovered 3 bbls oil, 174 bbls wtr, trace of sand, good gas. Oil 5% last 8 runs. Fluid level @ 2300' last 4 runs. No sand last 8 runs. SWIFD.
 DC: \$1,865 CC: \$178,549

11/13/96 Completion
 Made 29 swab runs. Recovered 13 bbls oil, 129 bbls wtr, good gas & no sand. Oil 30% last run. Fluid level @ 2450' last 3 runs. Release pkr. Tag sand @ 5970' KB. Circulate down to BP @ 5989' KB. Release BP. Reset BP @ 5863' KB. TOOH w/tbg, pkr, & retrieving tool. SWIFD.
 DC: \$1,955 CC: \$180,504

- 11/13/96 Completion
RU Schlumberger & perf 5754' - 5760', 4 SPF. Tih w/retrieving tool, 2-3/8" x 4' sub, HD pkr, 2-7/8" SN & 184 jts 2-7/8" tbg. BP @ 5863' KB, EOT @ 5738' KB, pkr @ 5731' KB. RU BJ Services & break down 5754' - 5760' with 2394 gals 2% KCL wtr. ATP = 3850 psi, ATR = 1.0 bpm, ISIP = 2000 psi. Used 57 bbls wtr. Flow back 10 bbls wtr. TOOH w/tbg, pkr & retrieving tool. SWIFD.
DC: \$5,262 CC: \$185,766
- 11/15/96 Completion
RU BJ Services & frac 5754' - 5760' w/12,180 gals 2% KCL gelled wtr, 6800 lbs 20/40 mesh sand, & 11,800 lbs 16/30 mesh sand. ATP = 3650 psi, ATR = 25.4 bpm, ISIP = 2580 psi, 5 min = 2100 psi, 10 min = 1950 psi, 15 min = 1870 psi, 30 min = 1730 psi. Used 290 bbls wtr. Start forced closure flow back, .5 bpm. Flow back 173 bbls wtr. Tih w/retrieving tool, 2-3/8" x 4' sub, HD pkr, 2-7/8" SN, 184 jts tbg. Tag sand @ 5701' KB. Circulate down to BP @ 5863' KB. Set pkr @ 5731' KB. Made 12 swab runs. Recovered 61 bbls wtr & trace of oil, gas cut. Small amount of sand. Fluid level @ 1800' last run. SWIFD.
DC: \$18,982 CC: \$204,748
- 11/16/96 Completion
Could not get swab down. Pump 10 bbls hot wtr down tbg. Could not get swab down. Release pkr, pump 20 bbls hot wtr down tbg. Set pkr. Made 24 swab runs. Recovered 4 bbls oil, 111 bbls wtr, trace sand, gas cut. Oil 7% last 2 runs. Fluid level @ 2850' last 2 runs. Release pkr, tag sand @ 5855' KB, circulate down to BP @ 5863' KB. Reset BP @ 4811' KB. TOOH w/tbg, pkr & retrieving tool. SWIFD.
DC: \$7,037 CC: \$211,785
- 11/18/96 Completion
RU Schlumberger to perf. Could not get down w/guns (560'). TIH w/pkr to 1600'. TOOH. Run in to perf 4640' - 4648', 4698' - 4700' & 4754' - 4760', 4 SPF. TIH w/retrieving tool, 2-3/8" x 4' sub, HD pkr, SN & 154 jts tbg. Release BP. Reset BP @ 4686' KB, 4619', pkr @ 4612' KB. RU BJ Services to break down 4640' - 4648' w/2352 gals 2% KCL wtr. ATP = 2000 psi, ATR = 3.8 bpm, ISIP = 1400 psi. Used 56 bbls wtr. Reset BP @ 4738' KB, EOT 4683', pkr 4675' KB. Break down 4698' - 4700' w/1806 gals 2% KCL wtr. ATP = 2600 psi, ATR = 2.5 bpm, ISIP = 1650 psi. Used 43 bbls wtr. Reset BP 4811' KB, EOT 4745', pkr 4738' KB. Break down 4754' - 4760' w/2184 gals 2% KCL wtr. ATP = 1700 psi, ATR = 4.2 bpm, ISIP = 1300 psi. Used 52 bbls wtr. TOOH w/tbg, pkr & retrieving tool. SWIFD. Flowed back 35 bbls wtr.
DC: \$7,139 CC: \$218,924
- 11/19/96 Completion
RU BJ Services & frac 4640' - 4648', 4698' - 4700', 4754' - 4760'. Frac w/15,918 gasl 2% KCL gelled wtr & 42,300 lbs 16/30 mesh sand. ATP = 2300 psi, ATR = 36.4 bpm, ISIP = 1950 psi, 5 min = 1620 psi, 10 min = 1600 psi, 15 min = 1450 psi, 30 min = 1240 psi. Used 379 bbls wtr. Start forced closure flow back, .5 bpm. Flow back 180 bbls wtr. TIH w/retrieving tool, 2-3/8" x 4' sub, HD pkr, SN & 148 jts tbg. Tag sand @ 4605' KB. Circulate down to BP @ 4811' KB. Set pkr @ 4612' KB. Made 12 swab runs. Recovered 62 bbls wtr, trace oil, trace sand & gas cut. Fluid level @ 1500' last run. SWIFD.
DC: \$25,494 CC: \$244,418

11/20/96 Completion
 Fluid level @ suface. Made 32 swab runs. Recovered 19 bbls oil, 141 bbls wtr, trace sand & good gas. Oil 35% last 3 runs. No sand last 10 runs. Fluid level @ 2500' last 3 runs. Release pkr, tag sand @ 4799' KB. Circulate down to BP @ 4811' KB> Release BP. TOO H w/tbg, pkr & BP. SWIFN.
 DC: \$2,599 CC: \$247,017

11/21/96 Completion
 TIH w/production string (tbg) as follows:

	<u>LENGTH</u>	<u>DEPTH KB</u>
1 - notched-pinned collar 2-7/8"	.40'	6012.72'
1 - jt 2-7/8", EUE, J-55, 8rd, 6.5#	29.05'	6012.32'
1 - perf sub 2-7/8" x 4'	4.20'	5983.27'
1 - SN 2-7/8"	1.10'	5979.07'
44 - jts 2-7/8", EUE, J-55, 8rd, 6.5#	1366.22'	5977.97'
1 - tbg anchor 2-7/8" x 5-1/2" (TRICO)	2.75'	4611.75'
148 - jts 2-7/8", EUE, J-55, 8rd, 6.5#	4599.00'	4609.00'
KB	10.00'	

ND BOP, ND 5-M well head, NU 3-M well head. Set tbg anchor w/11" tension (12,000#). Flange up well head. TIH w/production string (rods) as follows:

1 - DHP 2-1/2" x 1-1/2" x 16' RWAC w/spray metal plunger (TRICO #1200)
 1 - Pony 7/8" x 2' w/2-1/2" guides
 1 - K-bar 1-1/2" x 25'
 1 - Pony 7/8" x 2' w/2-1/2" guide
 236 - 3/4" x 25' Plain
 1 - Polish rod 1-1/4" x 22' SM

Press test DHP & tbg to 1000 psi, OK. Shut well in. RDMO.
 DC: \$16,593

CC: \$263,610

12/03/96 Completion
 Start well pumping @ 12:00 PM. 5-1/4 SPM, 88' stroke.
 DC: \$36,689

CC: \$300,299

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

faxed 1-31-97
SUBMIT IN DUPLICATE

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ REPAIR ☐ PLUG BACK ☐ DIFF. PERFOR. ☐ Other ☐

2. NAME OF OPERATOR
EQUITABLE RESOURCES ENERGY COMPANY

3. ADDRESS OF OPERATOR
1601 LEWIS AVENUE BILLINGS, MT 59102 (406)259-7860

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements):
At surface 2295' FSL, 1619' FEL

At top prod. interval reported below

At total depth

CONFIDENTIAL

14. PERMIT NO. #43-013-31588
DATE ISSUED 3-25-97

5. IMAGE DESIGNATION AND SERIAL NO.

U-67845

6. IF INDIAN, ALIQUOT OR TRIBE NAME

n/a

7. UNIT ASSIGNMENT NAME

n/a

8. FARM OR LEASE NAME

Monument Federal

9. WELL NO.

#33-22-8-17

10. FIELD AND POOL, OR WILDCAT

Mon. Butte/Green River

11. SEC., T., R., M., OR BLOCK AND SURVEY OR ANNA

NW SE Section 22, T8S, R17E

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

15. DATE SPUNDED 10-24-96
16. DATE T.D. REACHED 11-2-96
17. DATE COMPL. (Ready to prod.) 12-3-96
18. ELEVATIONS (OF, AHB, RT, GR, ETC.) * 5130' GL
19. ELEV. CASINGHEAD n/a

20. TOTAL DEPTH, MD & TVD 6351'
21. PLUG, BACK T.D., MD & TVD 6284'
22. IF MULTIPLE COMPL., HOW MANY? n/a
23. INTERVALS DRILLED BY
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) *
4640'~ 5950' GREEN RIVER
25. WAS DIRECTIONAL SURVEY MADE
NO

26. TYPE ELECTRIC AND OTHER LOGS RUN
DLL/GR CBL/GR LDT/CNL MUD LOG 11-8-95
27. WAS WELL CORRED
NO

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLES SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	.24#	259.90'KB	12-1/4"	160 sxs "G" w/additives	None
5-1/2"	15.5#	6331.92'KB	7-7/8"	260 sxs Super "G" + 485	None
				sxs 50/50 poz w/addites	

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
n/a					2-7/8"	4619.00'KB	n/a

31. PERFORATION RECORD (Interval, size and number)

4640'-4648' (4 SPF)
4698'-4700' (4 SPF)
4754'-4760' (4 SPF)
5754'-5760' (4 SPF)
5923'-5950' (2 SPF)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED
(SEE ATTACHMENT FOR DETAILS)

33. PRODUCTION

DATE FIRST PRODUCTION 12-03-96
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) 1-1/2" INSERT PUMP
WELL STATUS (Producing or shut-in) PRODUCING
DATE OF TEST Will Submit in 30 days
HOURS TESTED 24
CHOKE SIZE n/a
PROD'N. FOR TEST PERIOD
OIL—BSL. 15
WATER—BSL. 3
GAS—BSL. Will Submit in 30 days
FLOW, TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE
n/a n/a 15
OIL—BSL. 15
WATER—BSL. 3
OIL GRAVITY—API (CORR.) 34
34. DISPOSITION OF GAS (Said, used for fuel, vented, etc.)
USED FOR FUEL.
35. LIST OF ATTACHMENTS
#32

TEST WITNESSED BY

DALE GRIFFIN

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Bobbie Schuman

TITLE Regulatory Specialist

DATE 1-20-97

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statement or report, or any false, fictitious or fraudulent writing.

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries)	FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
						MEAS. DEPTH	TRUE VERT. DEPTH
				NO DST's run. /	2nd Garden Gulch	4384'	4384'
					Yellow Marker	5011'	5011'
					Douglas Creek	5170'	5170'
					2nd Douglas Creek	5443'	5443'
					Green Marker	5581'	5581'
					Carbonate Marker	6061'	6061'

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801

Page 12 of 14

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

C/O CRAZY MTN O&G SVS'S
EQUITABLE RESOURCES ENERGY
PO BOX 577
LAUREL MT 59044

UTAH ACCOUNT NUMBER: N9890REPORT PERIOD (MONTH/YEAR): 9 / 97AMENDED REPORT ☐ (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
MONUMENT FEDERAL 33-22-8-17								
4301331588 12024 08S 17E 22			GRRV			U67845		
MONUMENT FEDERAL 23-22-8-17Y								
4301331702 12031 08S 17E 22			GRRV			"		
MONUMENT FEDERAL 41-6-9-16Y								
4301331718 12043 09S 16E 6			GRRV			U674390		
PARLETTE DRAW FED 9-23								
4304731543 12053 08S 17E 23			GRRV			U45431		
FEDERAL 22-25								
4304732008 12053 08S 17E 25			GRRV			U67845		
MONUMENT FEDERAL 11-25								
4304732455 12053 08S 17E 25			GRRV			"		
PARLETTE FEDERAL 34-24								
4304732506 12053 08S 17E 24			GRRV			U45431		
MONUMENT FEDERAL 32-25								
4304732524 12053 08S 17E 25			GRRV			U67845		
BALCRON MONUMENT FEDERAL 33-25								
4304732525 12053 08S 17E 25			GRRV			"		
MONUMENT FEDERAL 12-25								
4304732526 12053 08S 17E 25			GRRV			"		
BALCRON MONUMENT FEDERAL 21-25								
4304732528 12053 08S 17E 25			GRRV			"		
MONUMENT FEDERAL 23-25								
4304732529 12053 08S 17E 25			GRRV			"		
MONUMENT FEDERAL 31-25								
4304732530 12053 08S 17E 25			GRRV			"		
TOTALS								

COMMENTS:

I hereby certify that this report is true and complete to the best of my knowledge.

Date: _____

Name and Signature: _____

Telephone Number: _____



RECEIVED

OCT 10 1997

October 7, 1997

Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, UT 84078

RE: Change of Operator
Duchesne & Vernal Counties, Utah

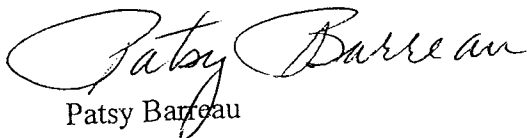
Dear Mr. Forsman:

Please find attached Sundry Notices and Reports on Wells for Change of Operator, previously operated by Equitable Resources Energy Company for approval.

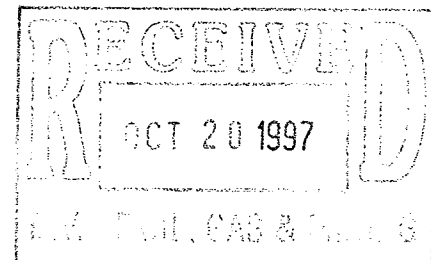
If you should have questions regarding this matter, please do not hesitate to contact me at the number listed below.

Sincerely,

INLAND PRODUCTION COMPANY


Patsy Barreau

/pb
encls.



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Inland Production Company

3. Address and Telephone No.

475 - 17th Street, Suite 1500, Denver, CO 80202 (303) 292-0900

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

See Attached Exhibit

5. Lease Designation and Serial No.

See Attached

6. If Indian, Allottee or Tribe Name

See Attached

7. If Unit or CA, Agreement Designation

See Attached

8. Well Name and No.

See Attached

9. API Well No.

See Attached

10. Field and Pool, or Exploratory Area

See Attached

11. County or Parish, State

See Attached

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Change of Operator
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Effective September 30, 1997, Inland Production Company will take over operations of the wells on the attached list. The previous operator was:

Equitable Resources Energy Company
1601 Lewis Avenue
Billings, MT 59102

Effective September 30, 1997, Inland Production Company is responsible under the terms and conditions of the leases for operations conducted on the leased lands or a portion thereof under BLM Bond No. UT0056 issued by The Hartford Insurance Group.

14. I hereby certify that the foregoing is true and correct

Signed

Chris A. Potter

Title

CHRIS A. POTTER, ATTORNEY-IN-FACT

Date

9/30/97

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Vernal District Office
170 South 500 East
Vernal, Utah 84078-2799

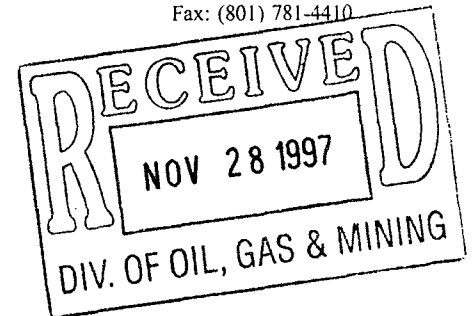
Phone: (801) 781-4400

Fax: (801) 781-4410

IN REPLY REFER TO:

3162.3
UT08438

November 20, 1997



Inland Production Company
475 17th Street, Suite 1500
Denver, CO 80202

Re: Well No. Mon. Fed. 33-22-8-17
NWSE, Sec. 22, T8S, R17E
Lease U-76240
Duchesne County, Utah

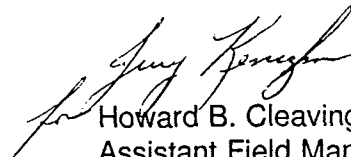
43-013-31588

Dear Sir:

This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced well. After a review by this office, the change in operator request is approved. Effective immediately, Inland Production Company is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. UT0056, for all operations conducted on the referenced well on the leased land.

If you have any other questions concerning this matter, please contact Margie Herrmann or Pat Sutton of this office at (435) 781-4400.

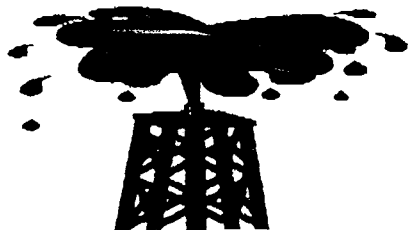
Sincerely,


Howard B. Cleavinger II
Assistant Field Manager,
Minerals Resources

cc: Division of Oil, Gas & Mining
Equitable Resources Energy Company

INLAND

Inland Resources Change of Operator							
WELL NAME	LOCATION	COUNTY	ST	FIELD NAME	API NUMBER	LEASE NO.	AGEEMENT
AMERADA GUINAND #1	SWNW 7 8S 25E	UINTAH	UT	COYOTE BASIN	43-047-20245-00	UTU016271V	UTU72085A
✓ COYOTE BASIN #1-12	NESE 128S 24E	UINTAH	UT	COYOTE BASIN	43-047-20221-00	UTU58226	UTU72085A
COYOTE BASIN #32-6	6 8S 25E	UINTA	UT	COYOTE BASIN	43-047-31835-00	UTU020309D	UTU72085A
COYOTE BASIN #42-6X	SENE 6 8S 25E	UINTA	UT	COYOTE BASIN	43-047-32346-00	UTU017439B	UTU72085A
✓ COYOTE BASIN FED. #13-7	NWSW 7 8S 25E	UINTAH	UT	COYOTE BASIN	43-047-32255-00	UTU41377	UTU72085A
✓ COYOTE BASIN FEDERAL #12-13	SWNW 138S 24E	UINTA	UT	COYOTE BASIN	43-047-31266-00		UTU72085A
✓ COYOTE BASIN FEDERAL #13-5	NWSW 5 8S 25E	UINTAH	UT	COYOTE BASIN	43-047-32261-00	UTU063597A	UTU72085A
✓ COYOTE BASIN FEDERAL #13-13	NWSW 138S 24E	UINTAH	UT	COYOTE BASIN	43-047-32196-00	UTU67208	UTU72085A
✓ COYOTE BASIN FEDERAL #21-7	NENW 7 8S 25E	UINTAH	UT	COYOTE BASIN	43-047-31673-00	UTU41377	UTU72085A
✓ COYOTE BASIN FEDERAL #22-7	SENE 7 9S 25E	UINTAH	UT	COYOTE BASIN	43-047-32256-00	UTU41377	UTU72085A
✓ COYOTE BASIN FEDERAL #33-5	NWSE 5 8S 25E	UINTAH	UT	COYOTE BASIN	43-047-32257-00	UTU063597A	UTU72085A
✓ COYOTE BASIN FEDERAL #43-12	NESE 128S 24E	UINTA	UT	COYOTE BASIN	43-047-30943-00	UTU038797	UTU72085A
✓ COYOTE FEDERAL #12-5	SWNW 5 8S 25E	UNITAH	UT	COYOTE BASIN	43-047-32253-00	UTU063597A	UTU72085A
✓ COYOTE FEDERAL #21-5	NENW 5 8S 25E	UINTAH	UT	COYOTE BASIN	43-047-32260-00	UTU063597A	UTU72085A
✓ COYOTE FEDERAL #31-7	NWNE 7 8S 25E	UINTAH	UT	COYOTE BASIN	43-047-32254-00	UTU020309D	UTU72085A
EAST RED WASH #2-5	NWNW 5 8S 25E	UINTA	UT	COYOTE BASIN	43-047-20252-00	UTU063597A	UTU72085A
✓ EAST RED WASH FED. #1-12	SWNE 128S 24E	UINTA	UT	COYOTE BASIN	43-047-20207-00	UTU038797	UTU72085A
✓ EAST RED WASH FED. #4-6	SWSE 6 8S 25E	UINTAH	UT	COYOTE BASIN	43-047-20261-00	UTU020309D	UTU72085A
✓ EAST RED WASH FEDERA #1-13	NENW 138S 24E	UINTA	UT	COYOTE BASIN	43-047-20222-00	UTU018073	UTU72085A
✓ EAST RED WASH FEDERA #1-5	SENE 5 8S 25E	UINTA	UT	COYOTE BASIN	43-047-20174-00	UTU063597A	UTU72085A
✓ EAST RED WASH FEDERA #1-6	NESE 6 8S 25E	UINTA	UT	COYOTE BASIN	43-047-20208-00	UTU017439B	UTU72085A
✓ FEDERAL #14-4	SWSW 4 8S 25E	UINTAH	UT	COYOTE BASIN	43-047-15678-00	UTU41376	UTU72085A
✓ TXO FEDERAL #2	SENE 5 8S 25E	UINTAH	UT	COYOTE BASIN	43-047-31567-00	UTU41376	UTU72085A
✓ TXO FEDERAL #1	SWNE 5 8S 25E	UINTAH	UT	COYOTE BASIN	43-047-31406-00	UTU41376	UTU72085A
✓ BALCRON FEDERAL #12-20Y	SWNW 209S 18E	UINTAH	UT	EIGHT MILE FLAT (8)	43-047-32617-00	UTU64917	
✓ BALCRON FEDERAL #31-19Y	NWNE 199S 18E	UINTAH	UT	EIGHT MILE FLAT (8)	43-047-32614-00	UTU65635	
✓ BALCRON FEDERAL #32-19Y	SW NE 199S 18E	UINTAH	UT	EIGHT MILE FLAT (8)	43-047-32615-00	UTU65635	
✓ BALCRON FEDERAL #42-19Y	SENE 199S 18E	UINTAH	UT	EIGHT MILE FLAT (8)	43-047-32616-00	UTU65635	
✓ BALCRON FEDERAL #31-5Y	NWNE 5 9S 18E	UINTAH	UT	EIGHT MILE FLAT (U)	43-047-32503-00	UTU65970	
✓ BALCRON FEDERAL #11-22Y	NW NW 228S 17E	DUCHESNE	UT	MONUMENT BUTTE (22)	43-013-31539-00	UTU66191	
✓ BALCRON FEDERAL #12-22Y	SWNW 228S 17E	DUCHESNE	UT	MONUMENT BUTTE (22)	43-013-31476-00	UTU66191	
✓ BALCRON FEDERAL #22-22Y	SE NW 228S 17E	DUCHESNE	UT	MONUMENT BUTTE (22)	43-013-31538-00	UTU76240	
✓ FEDERAL #1-26	NENW 268S 17E	UINTAH	UT	MONUMENT BUTTE (22)	43-047-31953-00	UTU76240	
✓ MONUMENT FEDERAL #13-22Y	NW SW 228S 17E	DUCHESNE	UT	MONUMENT BUTTE (22)	43-013-31583-00	UTU76240	
✓ MONUMENT FEDERAL #23-22-8-17	NESW 228S 17E	DUCHESNE	UT	MONUMENT BUTTE (22)	43-013-31702-00	UTU76240	
✓ MONUMENT FEDERAL ##31-22	NW NE 228S 17E	DUCHESNE	UT	MONUMENT BUTTE (22)	43-013-31587-00	UTU76240	
✓ MONUMENT FEDERAL #32-22-8-17	SW NE 228S 17E	DUCHESNE	UT	MONUMENT BUTTE (22)	43-013-31586-00	UTU76240	
✓ MONUMENT FEDERAL #33-22-8-17	NWSE 228S 17E	DUCHESNE	UT	MONUMENT BUTTE (22)	43-013-31588-00	UTU76240	
✓ BALCRON FEDERAL #11-20Y	NW NW 209S 18E	UINTAH	UT	MONUMENT BUTTE (8)	43-047-32712-00	UTU64917	



Crazy Mountain Oil & Gas Services
P.O. Box 577
Laurel, MT 59044
(406) 628-4164
(406) 628-4165

TO: *Lisha*
St of Utah.

FROM. Molly Conrad
Crazy Mountain Oil & Gas Services
(406) 628-4164

Pages Attached - Including Cover Sheet *2.*

NOTE: *Here is the letter you requested.*
Call if you need anything
further.



EQUITABLE RESOURCES ENERGY COMPANY

WESTERN REGION

(406) 259-7860 Telephone

(406) 245-1361 Fax

December 10, 1997

Lisha
State of Utah
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, UT 84114-5801

Dear Lisha:

RE: Equitable Sale of Utah Properties

Effective September 30, 1997, Equitable Resources Energy Company sold all of its Utah properties to Inland Production Company.

Please feel free to contact me if you require additional information.

Sincerely,

Molly Conrad

Agent for Equitable Resources
Energy Company

/mc

OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.

Initial each listed item when completed. Write N/A if item is not applicable.

Routing	
1-LEC	6-LEC
2-GLH	7-KAS
3-DTS	8-SI
4-VLD	9-FILE
5-JRB	

- ☒ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed, effective: 9-30-97

TO: (new operator)	<u>INLAND PRODUCTION COMPANY</u>	FROM: (old operator)	<u>EQUITABLE RESOURCES COMPANY</u>
(address)	<u>PO BOX 1446</u>	(address)	<u>PO BOX 577</u>
	<u>ROOSEVELT UT 84066</u>		<u>LAUREL MT 59044</u>
			<u>C/O CRAZY MTN O&G</u>
Phone:	<u>(801) 722-5103</u>	Phone:	<u>(406) 628-4164</u>
Account no.	<u>N5160</u>	Account no.	<u>N9890</u>

WELL(S) attach additional page if needed:

Name: <u>**SEE ATTACHED**</u>	API: <u>43-013-31588</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

1. (r649-8-10) Sundry or other legal documentation has been received from the FORMER operator (attach to this form). *(Rec'd 12-10-97)*
2. (r649-8-10) Sundry or other legal documentation has been received from the NEW operator (Attach to this form). *(Rec'd 10-20-97)*
3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is the company registered with the state? (yes/no) ____ If yes, show company file number: _____
4. FOR INDIAN AND FEDERAL WELLS ONLY. The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of Federal and Indian well operator changes should ordinarily take place prior to the division's approval, and before the completion of steps 5 through 9 below.
5. Changes have been entered in the Oil and Gas Information System (3270) for each well listed above. *(12-2-97)*
6. Cardex file has been updated for each well listed above. *(12-3-97)*
7. Well file labels have been updated for each well listed above. *(12-3-97)*
8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. *(12-3-97)*
9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- J
cc 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- N/A 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY)

- N/A
cc 1. (r649-3-1) The NEW operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operator's bond files.
3. The FORMER operator has requested a release of liability from their bond (yes/no) , as of today's date . If yes, division response was made to this request by letter dated .

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- N/A 1. Copies of documents have been sent on to at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- N/A ^{12/5/87} 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated 19 , of their responsibility to notify all interest owners of this change.

FILMING

- ib 1. All attachments to this form have been microfilmed. Today's date: 2-23-98.

FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form, and the original attachments are now being filed in the Operator Change file.

COMMENTS

971202 Blm/Vernal Appr. Nov. 10, 13 & 20, 1997.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

U-67845

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

MONUMENT FEDERAL 33-22-8-17

9. API Well No.

43-013-31588

10. Field and Pool, or Exploratory Area

TREATY BOUNDARY

11. County or Parish, State

DUCHESNE COUNTY, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

2295 FSL 1619 FEL NW/SE Section 22, T08S R17E

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

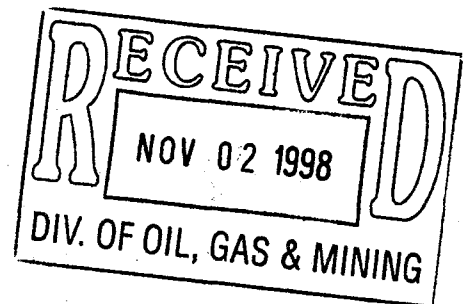
☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other **Site Security**

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Attached please find the site security diagram for the above referenced well.



14. I hereby certify that the foregoing is true and correct

Signed

Debbie E. Knight

Title

Manager, Regulatory Compliance

Date

10/30/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC:UTAH DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Inland Production Company

Site Facility Diagram

Monument Federal 33-22

NW/SE Sec. 22, T8S, 17E

Duchesne County

May 12, 1998

Site Security Plan is held at the Roosevelt Office, Roosevelt Utah

Production Phase:

- 1) Valves 1 and 3 sealed closed
- 2) Valves 2 and 4 sealed open

Sales Phase:

- 1) Valves 1, 2, 4, 5 sealed closed
- 2) Valves 1 open

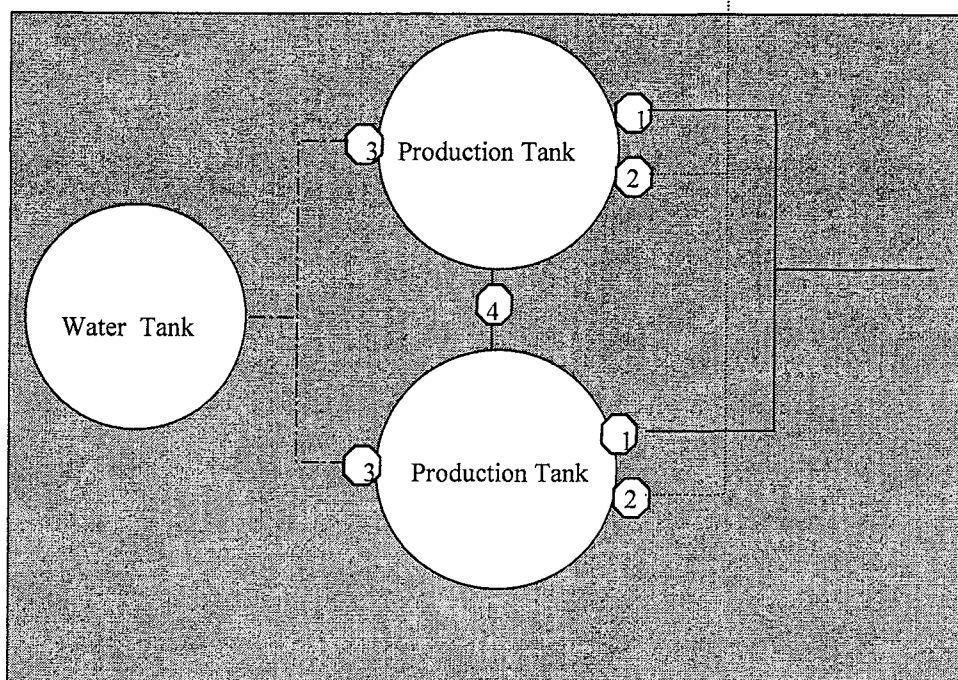
Draining Phase:

- 1) Valve 3 open

Diked Section

Gas Sales Meter

Pumping Unit



Emulsion Line

Load Line —————

Water Line - - - - -

Gas Sales - . - . - . - . - . - .

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

2295 FSL 1619 FEL NW/SE Section 22, T08S R17E

5. Lease Designation and Serial No.

U-67845

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

MONUMENT FEDERAL 33-22-8-17

9. API Well No.

43-013-31588

10. Field and Pool, or Exploratory Area

TREATY BOUNDARY

11. County or Parish, State

DUCHESNE COUNTY, UTAH

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

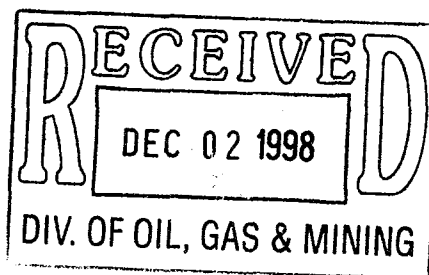
☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Lease Number Change

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Please be advised that the lease number for the above referenced well should be changed to UTU-77233.



14. I hereby certify that the foregoing is true and correct

Signed

Shirley E. Knight

Title

Manager, Regulatory Compliance

Date

11/30/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: UTAH DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

OPERATOR INLAND PRODUCTION COMPANY

OPERATOR ACCT. NO. N 5160

ADDRESS _____

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
D	12299		43-013-31826	PARIETTE DRAW FED 8-22-8-17	SENE	22	8S	17E	DUCHESNE		12-1-98
WELL 1 COMMENTS: 990216 CANVASBACK UNIT/GRRV EFFECTIVE 12-1-98.											
D	12024	12299	43-013-31588	MONUMENT FED 33-22-8-17	NWSE	22	8S	17E	DUCHESNE		12-1-98
WELL 2 COMMENTS: 990216 CANVASBACK UNIT/GRRV EFFECTIVE 12-1-98; ENTITY CHANGED.											
D	12031	12299	43-013-31702	MONUMENT FED 23-22-8-17	NESW	22	8S	17E	DUCHESNE		12-1-98
WELL 3 COMMENTS: 990216 CANVASBACK UNIT/GRRV EFFECTIVE 12-1-98; ENTITY CHANGED.											
D	11942	12299	43-013-31583	MONUMENT FED 13-22Y-8-17	NWSW	22	8S	17E	DUCHESNE		12-1-98
WELL 4 COMMENTS: 990216 CANVASBACK UNIT/GRRV EFFECTIVE 12-1-98; ENTITY CHANGED.											
WELL 5 COMMENTS:											

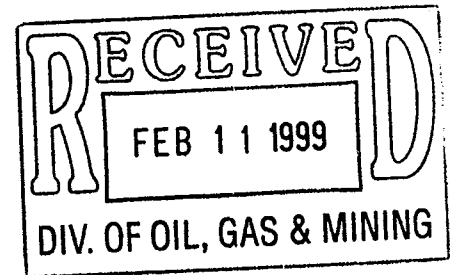
ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

DOGM (KDR)
Signature _____
Title _____ Date 2-16-99
Phone No. () _____



February 10, 1999

State of Utah
Division of Oil, Gas & Mining
Attn: Kristen Risbeck
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

Dear Kristen:

Thank you so much for your assistance yesterday with the Canvasback Unit. As we unitize areas and get the final approval, we have always in the past selected one well within the unit and assigned that entity number to the unit.

The entity number that you and I selected yesterday was 12299. This had been the entity number for the Pariette Draw #8-22 and now it will be the entity number for the whole Canvasback Unit. This entity number change will be effective December 1, 1998.

I am enclosing a listing of all the wells currently in the Canvasback Unit. I have listed the name of the well with the old entity number and the A.P.I. number. In the future any wells drilled within this unit will be assigned the entity number of 12299.

If you have any questions or need further information, please don't hesitate to call me.

Sincerely,

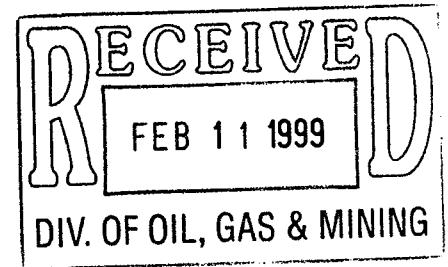
Kebbie S. Jones
District Administrator

Enclosures

/kj

CANVASBACK UNIT - ENTITY #12299

FIELD	WELL NAME	OLD ENTITY #	API NUMBER	
CANVASBACK UNIT	MONUMENT FEDERAL #31-22-8-17	11917	43-013-31587	NWNE S22T8SR17
CANVASBACK UNIT	MONUMENT FEDERAL #11-22Y-8-17	11845	43-013-31539	NWNW S22T8SR17
CANVASBACK UNIT	MONUMENT FEDERAL #12-22Y-8-17	11717	43-013-31476	SWNW S22T8SR17
CANVASBACK UNIT	MONUMENT FEDERAL #22-22Y-8-17	11842	43-013-31538	SENW S22T8SR17
CANVASBACK UNIT	MONUMENT FEDERAL #32-22-8-17	11959	43-013-31586	SWNE S22T8SR17
CANVASBACK UNIT	PARIETTE DRAW FEDERAL #8-22-8-17	<u>12299</u>	43-013-31826	SENE S22T8SR17
CANVASBACK UNIT	MONUMENT FEDERAL #33-22-8-17	12024	43-013-31588	NWSE S22T8SR17
CANVASBACK UNIT	MONUMENT FEDERAL #23-22-8-17	12031	43-013-31702	NESW S22T8SR17
CANVASBACK UNIT	MONUMENT FEDERAL #13-22Y-8-17	11942	43-013-31583	NWSW S22T8SR17



**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

2295 FSL 1619 FEL NW/SE Section 22, T8S R17E

5. Lease Designation and Serial No.

U-77233

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

CANVASBACK

8. Well Name and No.

MONUMENT FED 33-22-8-17

9. API Well No.

43-013-31588

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UT

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☒ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

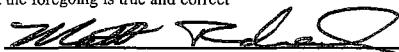
13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Subject well had recompletion procedures initiated in the Green River formation on 06/23/03. Existing production equipment was pulled from well. A bit and scraper were run in well. Two new Green River intervals were perforated and hydraulically fracture treated as follows: Stage # 1: CP .5 sands @ 6072'-6077', CP1 sands @ 6095'-6111', 6118'-6120', CP2 sands @ 6175'-6180' (all 4 JSPF) fraced down 2 7/8 N-80 tubing w/ 81,170# 20/40 sand in 639 Bbls Viking I-25 fluid. Stage # 2: DS3 sands @ 5146'-5149', 5152'-5156' (all 4 JSPF) fraced down 2 7/8 N-80 tubing w/ 27,488# 20/40 sand in 253 Bbls Viking I-25 fluid. Fracs were flowed back through chokes. Sand was cleaned from Wellbore. New intervals were swab tested for sand cleanup. BHA and production tubing were run and anchored in well with tubing anchor @ 6037', pump seat nipple @ 6137', and end of tubing string @ 6203'. A repaired 1 1/2" bore rod pump was run in well on sucker rods. Well returned to production via rod pump on 6/30/03.

RECEIVED**JUL 3 2 2003****DIV. OF OIL, GAS & MINING**

14. I hereby certify that the foregoing is true and correct

Signed



Title

Production Clerk

Date

7/1/2003

Matthew Richmond

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
<http://www.blm.gov>



IN REPLY REFER TO:
3106
(UT-924)

September 16, 2004

Memorandum

To: Vernal Field Office
From: Acting Chief, Branch of Fluid Minerals
Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard
Acting Chief, Branch of
Fluid Minerals

Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114
Teresa Thompson
Joe Incardine
Connie Seare

UTSL-	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
	16544	63073D	74108	76813	
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
UTU-	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553	77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022	79485X
019222	38431	66191	74806	79013	79641X
020252	39713	67168	74826	79014	80207X
020252A	39714	67170	74827	79015	81307X
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832	
027345	44210	68105	74872	79833	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234		
	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241		
15392	58546	73807	76560		



Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT
TO THE
ARTICLES OF INCORPORATION
OF
INLAND PRODUCTION COMPANY

FILED
In the Office of the
Secretary of State of Texas

SEP 02 2004
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1st day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs
Susan G. Riggs, Treasurer

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH

2. CDW

3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change**Merger**

The operator of the well(s) listed below has changed, effective:

9/1/2004**FROM: (Old Operator):**

N5160-Inland Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

TO: (New Operator):

N2695-Newfield Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

CA No.**Unit:****CANVASBACK (GREEN RIVER)****WELL(S)**

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
BALCRON FED 12-22Y	22	080S	170E	4301331476	12299	Federal	WI	A
BALCRON MON FED 22-22-8-17Y	22	080S	170E	4301331538	12299	Federal	OW	P
BALCRON MON FED 11-22-8-17Y	22	080S	170E	4301331539	12299	Federal	OW	P
MON FED 13-22-8-17Y	22	080S	170E	4301331583	12299	Federal	OW	S
MON FED 32-22-8-17	22	080S	170E	4301331586	12299	Federal	WI	A
MON FED 31-22-8-17	22	080S	170E	4301331587	12299	Federal	OW	P
MON FED 33-22-8-17	22	080S	170E	4301331588	12299	Federal	OW	P
MON FED 23-22-8-17Y	22	080S	170E	4301331702	12299	Federal	WI	A
PARIETTE DRAW 8-22	22	080S	170E	4301331826	12299	Federal	OW	P
CANVASBACK 13A-22-8-17	22	080S	170E	4301332238	12299	Federal	OW	P
CANVASBACK 14-22-8-17	22	080S	170E	4301332239	12299	Federal	OW	P
CANVASBACK 15-22-8-17	22	080S	170E	4301332240	12299	Federal	OW	P
CANVASBACK 16-22-8-17	22	080S	170E	4301332241	12299	Federal	OW	P
FEDERAL 13-23-8-17	23	080S	170E	4301332340	12299	Federal	OW	P
CANVASBACK 12-23-8-17	23	080S	170E	4301332341	12299	Federal	OW	P
CANVASBACK 4-23-8-17	23	080S	170E	4301332342	12299	Federal	OW	P
CANVASBACK 5-23-8-17	23	080S	170E	4301332343	12299	Federal	OW	P
FEDERAL 14-23-8-17	23	080S	170E	4304734556	12299	Federal	OW	P
CANVASBACK 15-23-8-17	23	080S	170E	4304734557	12299	Federal	D	PA
CANVASBACK 3-23-8-17	23	080S	170E	4304734567	12299	Federal	OW	P

K

K

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/20042. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/20043. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/20054. Is the new operator registered in the State of Utah: YES Business Number: 755627-01435. If **NO**, the operator was contacted on:

6a. (R649-9-2) Waste Management Plan has been received on: IN PLACE
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 2/28/2005
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/28/2005
3. Bond information entered in RBDMS on: 2/28/2005
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
5. Injection Projects to new operator in RBDMS on: 2/28/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT 0056

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 61BSBDH2912

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919
2. The **FORMER** operator has requested a release of liability from their bond on: n/a*
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8**

**1595 Wynkoop Street
DENVER, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>**

OCT 31 2012

Ref: 8P-W-UIC

**CERTIFIED MAIL
RETURN RECEIPT REQUESTED**

Mr. Eric Sundberg
Regulatory Analyst
Newfield Production Company
1001 Seventeenth Street – Suite 2000
Denver, Colorado 80202

Accepted by the
Utah Division of
Oil, Gas and Mining

RECEIVED

NOV 07 2012

DIV. OF OIL, GAS & MINING

FOR RECORD ONLY

RE: Underground Injection Control (UIC)
Additional Well to Canvasback Area Permit
EPA UIC Permit UT20855-09674
Well: Monument Federal 33-22-8-17
NWSE Sec. 22 T8S-R17E
Duchesne County, Utah
API No.: 43-013-31588

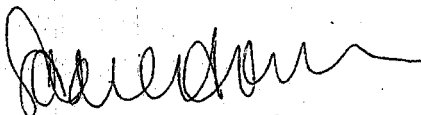
Dear Mr. Sundberg:

The U.S. Environmental Protection Agency Region 8 hereby authorizes Newfield Production Company (Newfield) to convert the oil well Monument Federal 33-22-8-17 to an enhanced recovery injection well according to the terms and conditions of the enclosed Authorization for Additional Well. The addition of this injection well, within the exterior boundary of the Uintah & Ouray Indian Reservation, is being made under the authority of 40 CFR §144.33 (c) and terms of the Canvasback Area Permit No. UT20855-00000 and subsequent modifications.

Please be aware that Newfield does not have authorization to begin well injection until all Prior to Commencing Injection requirements are met and written authorization to inject is given by the Director. Prior to receiving authorization to inject Newfield must submit for review and approval (1) the results of a Part I (internal) Mechanical Integrity test, (2) a pore pressure calculation of the injection interval and (3) a completed EPA Form No. 7520-12 (Well Rework Record) with a new schematic diagram.

If you have any questions, please call Emmett Schmitz at (303) 312-6174 or (800) 227-8917, extension 312-6174. Please submit the required data to Jason Deardorff at the letterhead address citing mail code 8P-W-UIC.

Sincerely,



Howard M. Cantor, for
Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance



Enclosures: Authorization for Additional Well
Wellbore Schematic for Monument Federal 33-22-8-17

cc: Letter Only:

Uintah & Ouray Business Committee:

Irene Cuch, Chairwoman
Ronald Wopsock, Vice-Chairman
Frances Poowegup, Councilwoman
Phillip Chimburas, Councilman
Stewart Pike, Councilman
Richard Jenks, Jr., Councilman

Johnna Blackhair
BIA - Uintah & Ouray Indian Agency

cc: All Enclosures:

Mike Natchees
Environmental Coordinator
Ute Indian Tribe

Manual Myore
Director of Energy & Minerals Dept.
Ute Indian Tribe

Brad Hill
Acting Associate Director
Utah Division of Oil, Gas, and Mining

Fluid Minerals Engineering Office
BLM - Vernal Office

Reed Durfey
District Manager
Newfield Production Company
Myton, Utah



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8

1595 WYNKOOP STREET
DENVER, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>

RECEIVED
NOV 07 2012

DIV. OF OIL, GAS & MINING

AUTHORIZATION FOR ADDITIONAL WELL

UIC Area Permit UT20855-00000

The Canvasback UIC Area Permit UT20855-00000, effective August 18, 2000, authorizes injection for the purpose of enhanced oil recovery in the Monument Butte Field. On May 31, 2012, Newfield Production Company notified the Director concerning the following additional enhanced recovery injection well:

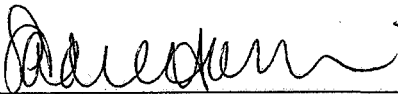
Well Name:	Monument Federal 33-22-8-17
EPA Permit ID Number:	UT20855-09674
Location:	2295' FSL & 1619' FEL NWSE Sec. 22-T8S-R17E Duchesne County, Utah API #43-013-31588

Pursuant to 40 CFR §144.33, Area UIC Permit UT20855-00000 authorizes the permittee to construct and operate, convert, or plug and abandon additional enhanced recovery injection wells within the area permit. This well was determined to satisfy additional well criteria required by the permit.

This well is subject to all provisions of UIC Area Permit No. UT20853-00000, as modified and as specified in the Injection Well-Specific Requirements detailed below. This Authorization shall expire one year after the Effective Date unless the permittee has converted the well to injection or submits a written request to extend this Authorization prior to the expiration date.

This Authorization is effective upon signature.

Date: OCT 31 2012


Howard M. Cantor, for
* Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

** The person holding this title is referred to as the Director throughout the permit and Authorization*

Authorization for Additional Well: UIC Area Permit UT20855-00000
Well: Monument Federal 33-22-8-17 EPA Well ID: UT20855-09674

Printed on Recycled Paper

INJECTION WELL-SPECIFIC REQUIREMENTS

Well Name: Monument Federal 33-22-8-17

EPA Well ID Number: UT20855-09674

Prior to Commencing Injection Operations, the permittee shall submit the following information:

1. Completed Well Rework Record (EPA Form No. 7520-12) and schematic diagram;
2. Pore pressure calculation of the proposed injection zone;
3. Results from a successful part I (internal) Mechanical Integrity test.

Once these records are received and approved by EPA, the Director will provide written authorization to inject.

Note: All depths given in this authorization reference the Kelly Bushing datum unless otherwise specified.

Approved Injection Interval: The injection interval is the part of the injection zone where fluids are directly emplaced. The approved injection interval for this well is from the top of the Garden Gulch Sand #2 (4,008 feet) to the top of the Wasatch Formation (Estimated 6587 feet). Additional injection perforations may be added provided that they remain within the approved injection interval. Injection between the outermost casing protecting USDWs and the well bore is prohibited.

Maximum Allowable Injection Pressure (MAIP): The initial MAIP is 1,280 psig, based on the calculation $MAIP = [FG - (0.433)(SG)] * D$, where "FG" is the fracture gradient, "SG" is the specific gravity of injectate and "D" is the Kelly Bushing depth to the shallowest casing perforation. For this well, FG is 0.716 psi/ft, SG is 1.015 and D is 4,640 ft.

UIC Area Permit No. UT20855-00000 provides the opportunity for the permittee to *request a change of the MAIP based upon the submitted results of a step rate test that demonstrates the formation parting pressure.*

Well Construction: Casing and Cementing: *The well was constructed in compliance with existing regulatory controls for casing and cementing pursuant to 40 CFR § 146.22(c).*

Cementing records, including the cement bond log, have satisfactorily demonstrated the presence of adequate cement to prevent the migration of injection fluids behind the casing from the injection zone.

Well Construction: Tubing and Packer: 2-7/8" or similar size injection tubing is approved. The packer shall be set at a depth no more than 100 ft. above the top perforation.

Demonstration of Mechanical Integrity:

- (1) A successful demonstration of part I (internal) mechanical integrity using a Casing-Tubing Annulus Pressure Test is required prior to injection, and no less than every five years after the last successful test.
- (2) EPA reviewed the cementing records and determined the cement will provide an effective barrier to significant upward movement of fluids through vertical channels adjacent to the well bore pursuant to 40 CFR §146.8 (a)(2). Therefore, further demonstration of Part II (external) Mechanical Integrity is not required at this time.

Demonstration of Financial Responsibility: The applicant has demonstrated financial responsibility by a Surety Bond in the amount of \$42,000 and a Standby Trust Agreement that have been approved by EPA. The Director may revise the amount required and may require the permittee to obtain and provide updated estimates of costs for plugging the well according to the approved Plugging and Abandonment plan.

Plugging and Abandonment: The well shall be plugged in a manner that isolates the injection zone and prevents movement of fluids into or between Underground Sources of Drinking Water (USDW). Tubing, packers, and any downhole apparatus shall be removed. Class A, C, G, and H cements, with additives such as accelerators and retarders that control or enhance cement properties, may be used for plugs; however, volume extending additives and gel cements are not approved for plug use. Plug placement shall be verified by tagging. Plugging gel of at least 9.2 lb/gal shall be placed between all plugs. A minimum 50 ft. surface plug shall be set inside and outside of the surface casing to seal pathways for fluid migration into the subsurface. Within sixty (60) days after plugging the owner or operator shall submit Plugging Record (EPA Form 7520-13) to the Director. The Plugging Record must be certified as accurate and complete by the person responsible for the plugging operation. At a minimum, the following plugs are required:

- (1) Isolate the injection zone: Remove down hole apparatus from the well and perform necessary clean out; displace well fluid with plugging gel. Set a cast iron bridge plug (CIBP) within the innermost casing string no more than 50 ft. above the top perforation with a minimum of 20 ft. cement plug on top of the CIBP.
- (2) Isolate the Trona-Bird's Nest water zone and Mahogany Oil Shale: Perforate and squeeze cement up the backside of the outermost casing string across the Mahogany Oil Shale and Trona-Bird's Nest water zone, from at least 55 ft. above the top of the Trona-Bird's Nest to at least 55 ft. below the base of Mahogany Oil Shale, unless there is existing cement across this interval.

(3) Isolate the Uinta Formation from the Green River Formation: Perforate and squeeze a minimum of 110 ft. cement up the backside of the outermost casing string to isolate the contact between the Uinta Formation and the Green River Formation, unless there is existing cement across this interval. Set a minimum 110 ft. cement plug in the innermost casing string, centered on the contact between the Green River Formation and Uinta Formation.

(4) Isolate Surface Fluid Migration Paths:

- a. If the depth of the lowermost USDW is above the base of surface casing, perforate the outermost casing string 50 ft. below the base of surface casing and circulate cement to the surface, unless there is existing cement across this interval; OR
- b. If the depth of the lowermost USDW is below the base of surface casing, perforate the outermost casing string 50 ft. below the base of the lowermost USDW and circulate cement to surface; AND
- c. Set a cement plug inside the innermost casing string from 50 ft. below the base of the surface casing to surface.

INJECTION WELL-SPECIFIC CONSIDERATIONS

Well Name: Monument Federal 33-22-8-17
EPA Well ID Number: UT20855-09674

Underground Sources of Drinking Water (USDWs): USDWs in the Lone Tree Area Permit generally occur within the Uinta Formation. According to "*Base of Moderately Saline Ground Water in the Uinta Basin, Utah, State of Utah Technical Publication No. 92,*" the base of moderately saline ground water may be found at approximately 140 ft. below ground surface in the Monument Federal 33-22-8-17 well. Water samples from the Green River Formation taken in conjunction with oil production show that USDWs do occur at deeper depths within the Humpback unit and as deep as 6,026 ft. in the Balcron Monument Federal 33-25-8-17 well. Freshening of the injection zone due to the injection of relatively fresh water for the purpose of enhanced oil recovery has been demonstrated to be occurring in parts of the Monument Butte Field, including this permit area.

http:NRWRT1.NR.STATE.UT.US: According to the state of Utah, any water wells present within the permit area are shallow and do not intersect the injection zone.

Composition of Source, Formation, and Injectate Water: A water sample analysis was not required as part of the application to add this well to the area permit because EPA considers the water quality of the injection zone to be well documented. Area UIC Permit UT20855-00000 and Statement of Basis describe originally in place formation fluid within the injection zone to be greater than 10,000 mg/l Total Dissolved Solids (TDS) content. However, due to injection of

Authorization for Additional Well: UIC Area Permit UT20855-00000
Well: Monument Federal 33-22-8-17 EPA Well ID: UT20855-09674

relatively fresh water for the purpose of enhanced oil recovery within the permit area, produced water samples showing TDS values less than 10,000 mg/l have occurred and this occurrence has been observed to increase in frequency with time. Newfield has demonstrated and EPA has confirmed that freshening of the injection zone is occurring and that more recent water samples showing TDS values less than 10,000 mg/l are not likely representative of the original formation fluid at or near this well. EPA considers the presence of waters less than 10,000 mg/l within the injection zone to be a temporary, artificial condition and therefore does not require an aquifer exemption to allow injection to occur.

The injectate is water from a Monument Butte Field Injection Facility and consists of culinary water from the Johnson Water District and/or water from the Green River, blended with produced Green River Formation water and resulting in TDS content less than 10,000 mg/l.

Confining Zone: A *Confining Zone* is a geological formation, group of formations, or part of a formation that is capable of limiting fluid movement above an injection zone. The designated Confining Zone for this well consists of three interbedded, thick impervious shales, confining marlstones and siltstones. The Confining Zone extends from 4,008 feet to the top of the Garden Gulch Member Number 2 (4,504 feet). This interval is found between the depths of 3,970 feet to 4,466 feet in the Federal 1-26-8-17 Type Gamma Log for the Monument Butte Field.

Injection Zone: An *injection zone* is a geological formation, group of formations, or part of a formation that receives fluids through a well. The Injection Zone for this well consists of the lower part of the Garden Gulch Member starting at the top of the Garden Gulch Member No. 2 (4,504 feet) and includes the Douglas Creek and Basal Carbonate members of the Green River Formation to the top of the Wasatch Formation (Estimated 6,587 feet).

Well Construction: This well was constructed according to BLM requirements and controls for production wells at the time of well completion. EPA has reviewed and approved the construction and determined that it is adequate to protect USDWs.

Surface Casing: 8-5/8" casing is set at 254 ft. in a 12-1/4" hole, using 160 sacks Class "G" cement, cemented to the surface.

Longstring Casing: 5-1/2" casing is set at 6,332 ft. in a 7-7/8" hole secured with 745 sacks of cement. Total driller depth is 6,350 ft. Plugged back total depth is 6,284 ft. 4 ft. Estimated CBL top of cement is 1,375 ft.

Perforations: Top perforation: 4,640 ft.

Bottom perforation: 6,180 ft.

AREA OF REVIEW (AOR) WELL REQUIREMENTS

The following six oil wells and one drilled and abandoned well that penetrate the confining zone within or proximate to a ¼-mile radius around the Lone Tree Federal 11-22-9-17 well were evaluated to determine if any corrective action is necessary to prevent fluid movement into USDWs:

Greater Monument Butte M-22-8-17 API: 43-013-50515 SHL: SWNW Sec. 22-T8S-R17E
BHL: NWSW Sec. 22-T8S-R17E

Canvasback Federal R-22-8-17 API: 43-013-34074 SHL: SESW Sec. 22-T8S-R17E
BHL: NESW Sec. 22-T8S-R17E

Greater Monument Butte S-22-8-17 API: 43-013-50519 SHL: SESE Sec. 22-T8S-R17E
BHL: NWSE Sec. 22-T8S-R17E

Greater Monument Butte L-22-8-17 API: 43-013-50464 SHL: SWNE Sec. 22-T8S-R17E
BHL: SENE Sec. 22-T8S-R17E

Three perforation sets within the basal Confining Zone.

Confining Zone: 4,020 feet – 4,599 feet.

Perforations: 4,532 feet – 4,535 feet, 4,554 feet – 4,556 feet, 4,566 feet – 4,570 feet.

Put on production: May 20, 2011.

Monument Federal 32-22-8-17 API: 43-013-31586 SWNE Sec. 22-T8S-R17E
EPA Class II Permit: UT20855-04479.

Two sets of perforations in Confining Zone.

Confining Zone: 4,034 feet – 4,536 feet.

Perforations: 4,501 feet – 4,509 feet, 4,510 feet – 4,513 feet.

No 80% bond index cement bond in Confining Zone.

TOP OF CEMENT: 1,702 feet.

Pariette Draw 8-22-8-17 API: 43-013-31826 SENE Sec. 22-T8S-R17E

One perforation set in Confining Zone.

Confining Zone: 4,018 feet – 4,512 feet.

Perforations: 4,354 feet – 4,364 feet.

No 80% bond index cement in Confining Zone.

TOP OF CEMENT: 1,230 feet.

No Corrective Action Required on AOR wells: EPA reviewed all wells penetrating the Confining Zone within a ¼-mile radius of the proposed injection well and determined that cement in these wells is adequate to prevent the movement of fluid into USDWs. Top of cement is above the base of the Confining Zone in all AOR wells.

Corrective Action Required on "X" AOR Wells: For each of the following AOR wells, which either do not have top of cement behind the outermost casing string above the base of the Confining Zone or for which EPA does not have evidence of top of cement behind the outermost casing string above the base of the Confining Zone, Newfield shall meet one of the following requirements for each well *prior to* commencing injection into the Allen Federal 32-6-9-17 well:

- 1) for any *injection* well located within the ¼-mile AOR, maintain or provide documentation of a current Part II (external) mechanical integrity demonstration on that AOR well; OR
- 2) for any injection or producing well, perform corrective action on that AOR well by emplacing cement behind the outermost casing string through the Confining Zone and demonstrating to the satisfaction of the Director that the top of cement is higher than the base of the Confining Zone; OR
- 3) for any injection or producing well, demonstrate to the satisfaction of the Director that the pressure at the AOR well caused by neighboring injection activity is insufficient to move fluid into a USDW through vertical channels adjacent to the wellbore; OR
- 4) not commence injection into the Allen Federal 32-6-9-17 well.

Reporting of Noncompliance:

- 1) Anticipated Noncompliance. The operator shall give advance notice to the Director of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.
- 2) Compliance Schedules. Reports of compliance or noncompliance with, or any progress on, interim and final requirements contained in any compliance schedule of this Permit shall be submitted no later than 30 days following each schedule date.
- 3) (Written Notice of any noncompliance which may endanger health or the environment shall be reported to the Director within five days of the time the operator becomes aware of the noncompliance. The written notice shall contain a description of the noncompliance and its cause, the period of noncompliance including dates and times, if the noncompliance has not been corrected the anticipated time it is expected to continue, and steps taken or planned to prevent or reduce recurrence of the noncompliance.

Twenty-Four Hour Noncompliance Reporting: The operator shall report to the Director any noncompliance which may endanger health or environment. Information shall be provided, either orally or by leaving a message, within twenty-four (24) hours from the time the operator becomes aware of the circumstances by telephoning 1-(800)-227-8917 and asking for the EPA Region 8 UIC Program Compliance and Enforcement Director, or by contacting the Region 8 Emergency Operations Center at (303)-293-1788, if calling from outside EPA Region 8. The following information shall be included in the verbal report:

- 1) Any monitoring or other information which indicates that any contaminant may cause an endangerment to an underground source of drinking water.

- 2) Any noncompliance with a Permit condition or malfunction of the injection system which may cause fluid migration into or between underground sources of drinking water.

Oil Spill and Chemical Release Reporting: The operator shall comply with all other reporting requirements related to oil spills and chemical releases or other potential impacts to human health or the environment by contacting the **National Response Center (NRC) 1-(800)-424-8802 or 1-(202)-267-2675**, or through the **NRC website at <http://www.nrc.uscg.mil/index.htm>**

Other Noncompliance: The operator shall report all other instances of noncompliance not otherwise reported at the time monitoring reports are submitted.

Other Information: Where the operator becomes aware that he failed to submit any relevant facts in the Permit application, or submitted incorrect information in a Permit application, or in any report to the Director, the operator shall submit such correct facts or information within two weeks of the time such information became known.

Spud Date: 10-24-96
 Put on Production: 12-3-96
 GL: 5130' KB: 5140'

Monument Federal #33-22-8-17

Initial Production: 25 BOPD,
 NM MCFPD, 0 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 5 jts. (243.90')
 DEPTH LANDED: 253.90'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs class "G", est 5 bbls cmt to surface

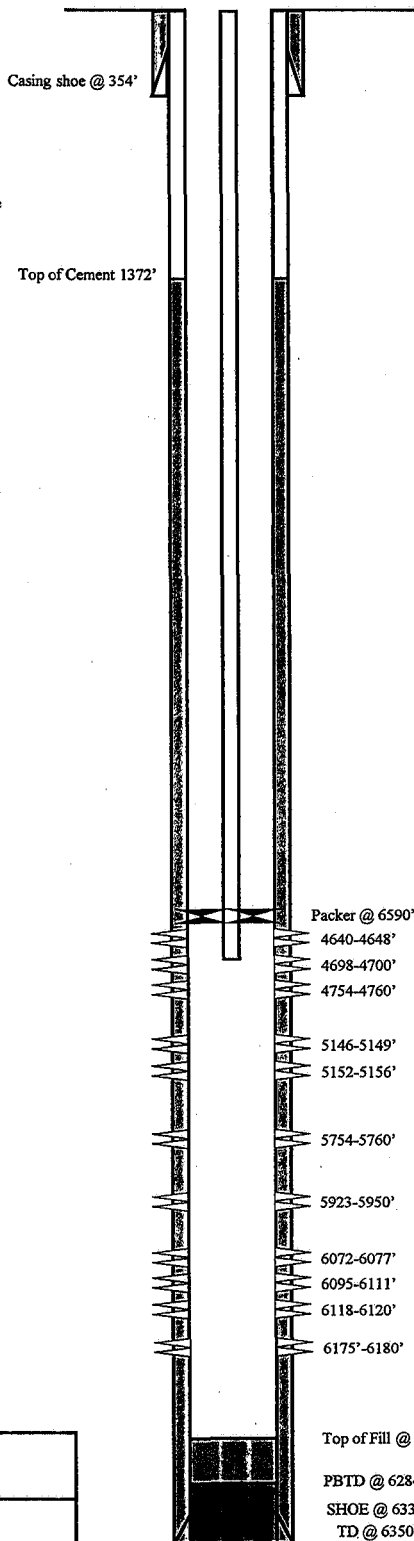
PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 149 jts. (6321.92')
 DEPTH LANDED: 6331.92'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 260 sx Super G & 485 sx 50/50 Poz
 CEMENT TOP AT: 1372'

TUBING

SIZE/GRADE/WT.: 2 7/8" / J-55 / 6.5#
 NO. OF JOINTS: 193 jts 6034.09'
 TUBING ANCHOR: 6044.09' KB
 NO. OF JOINTS: 3 jts (96.57')
 SEATING NIPPLE: 2 7/8" (1.10')
 SN LANDED AT: 6143.46' KB
 NO. OF JOINTS: 2 jts (65.06')
 TOTAL STRING LENGTH: EOT @ 6210.07' w/ 10' KB

Proposed Injection Wellbore Diagram



FRAC JOB

11-11-96	5923'-5950'	57,660# 16/30 sand & 25,200# 20/40 sand in 5880 gals Viking. Treated w/avg press of 2450 psi w/avg rate of 30.6 BPM. ISIP - 2550 psi.
11-15-96	5754'-5760'	7800# 20/40 sand & 13,920# 16/30 sand in 4109 gals Viking. Treated w/avg press of 3650 psi w/avg rate of 25.3 BPM. ISIP - 2580 psi.
11-19-96	4640'-4760'	48,100# 16/30 sand in 8553 gals Viking. Treated w/avg press of 1800 psi w/avg rate of 36.2 BPM. ISIP - 1950 psi, 5 min 1620 psi.
1-21-02		Tubing leak. Update rod and tubing details.
3/12/04		Tubing leak. Update rod and tubing details.
9/15/04		Tubing leak. Update rod and tubing details.
10/04/07		Pump Change. Updated rod & tubing details.
05/27/08		updated rod and tubing detail

PERFORATION RECORD

11-8-96	5923'-5950'	2 SPF	54 holes
11-14-96	5754'-5760'	4 SPF	24 holes
11-18-96	4640'-4648'	4 SPF	32 holes
11-18-96	4698'-4700'	4 SPF	8 holes
11-18-96	4754'-4760'	4 SPF	24 holes

NEWFIELD

Monument Federal #33-22-8-17

2295 FSL & 1619 FEL

NW/SE Section 22-T8S-R17E

Duchesne Co, Utah

API #43-013-31588; Lease #U-77233

5/29/2012

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-77233
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Oil Well		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		8. WELL NAME and NUMBER: MON FED 33-22-8-17
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		9. API NUMBER: 43013315880000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2295 FSL 1619 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 22 Township: 08.0S Range: 17.0E Meridian: S		COUNTY: DUCHESNE
		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input checked="" type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	OTHER: <input style="width: 100px;" type="text"/>
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 11/20/2012				
<input type="checkbox"/> SPUD REPORT Date of Spud:				
<input type="checkbox"/> DRILLING REPORT Report Date:				

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The subject well has been converted from a producing oil well to an injection well on 11/16/2012. On 11/20/2012 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 11/20/2012 the casing was pressured up to 1160 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 340 psig during the test. There was not an EPA representative available to witness the test. EPA# UT20855-09674

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 December 03, 2012

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A		DATE 11/30/2012

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 11 / 20 / 12
Test conducted by: Kevin Powell
Others present: _____

WT20855-09674

Well Name: <u>Monument Federal 33-22-8-17</u>		Type: <u>ER SWD</u>	Status: <u>AC TA UC</u>
Field: <u>Monument Bench</u>			
Location: <u>33</u> Sec: <u>D 8</u> N/S <u>(R) 17</u> E/W		County: <u>Duchesne</u> State: <u>UT</u>	
Operator: <u>Kevin Powell</u>			
Last MIT: <u>1 / 1</u>		Maximum Allowable Pressure: _____ PSIG	

Is this a regularly scheduled test? ☐ Yes ☒ No
Initial test for permit? ☒ Yes ☐ No
Test after well rework? ☐ Yes ☒ No
Well injecting during test? ☐ Yes ☒ No If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: _____ psig

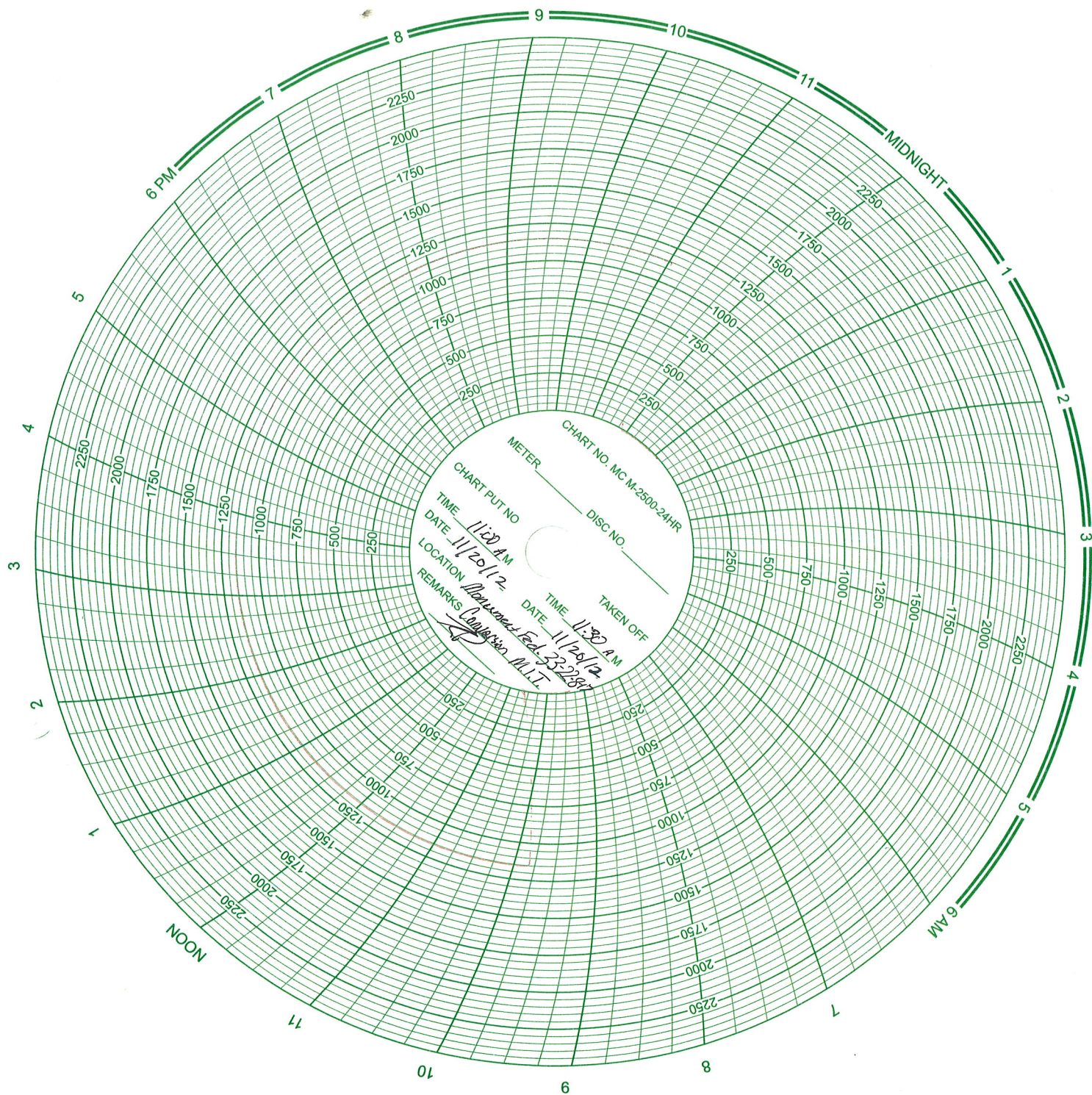
MIT DATA TABLE		Test #1	Test #2	Test #3
TUBING		PRESSURE		
Initial Pressure		<u>340</u> psig	psig	psig
End of test pressure		<u>340</u> psig	psig	psig
CASING / TUBING		ANNULUS PRESSURE		
0 minutes		<u>1160</u> psig	psig	psig
5 minutes		<u>1160</u> psig	psig	psig
10 minutes		<u>1160</u> psig	psig	psig
15 minutes		<u>1160</u> psig	psig	psig
20 minutes		<u>1160</u> psig	psig	psig
25 minutes		<u>1160</u> psig	psig	psig
30 minutes		<u>1160</u> psig	psig	psig
_____ minutes		psig	psig	psig
_____ minutes		psig	psig	psig
RESULT		<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? ☐ Yes ☐ No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____



Daily Activity Report

Format For Sundry

MON 33-22-8-17

9/1/2012 To 1/30/2013

11/19/2012 Day: 6

Conversion

Rigless on 11/19/2012 - Conduct initial MIT - On 11/20/2012 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 11/20/2012 the casing was pressured up to 1160 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 340 psig during the test. There was not an EPA representative available to witness the test. EPA# UT20855-09674 - On 11/20/2012 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 11/20/2012 the casing was pressured up to 1160 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 340 psig during the test. There was not an EPA representative available to witness the test. EPA# UT20855-09674 - On 11/20/2012 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 11/20/2012 the casing was pressured up to 1160 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 340 psig during the test. There was not an EPA representative available to witness the test. EPA# UT20855-09674 - On 11/20/2012 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 11/20/2012 the casing was pressured up to 1160 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 340 psig during the test. There was not an EPA representative available to witness the test. EPA# UT20855-09674 - On 11/20/2012 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 11/20/2012 the casing was pressured up to 1160 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 340 psig during the test. There was not an EPA representative available to witness the test. EPA# UT20855-09674 - ready for MIT - ready for MIT - ready for MIT - ready for MIT - ready for MIT - Pump pkr fluid and 50 bbls down casing. Set pkr @4609. land on wellhead w/tubing in 15000#tension. Fill csg w/55bbls. Pressure test csg @ 1400psi for 30 min. Rig down. - Pump pkr fluid and 50 bbls down casing. Set pkr @4609. land on wellhead w/tubing in 15000#tension. Fill csg w/55bbls. Pressure test csg @ 1400psi for 30 min. Rig down. - Pump pkr fluid and 50 bbls down casing. Set pkr @4609. land on wellhead w/tubing in 15000#tension. Fill csg w/55bbls. Pressure test csg @ 1400psi for 30 min. Rig down. - Pump pkr fluid and 50 bbls down casing. Set pkr @4609. land on wellhead w/tubing in 15000#tension. Fill csg w/55bbls. Pressure test csg @ 1400psi for 30 min. Rig down. - POOH w/93 jts tbg. LD 46 jts tbg, TAC, 3 jts tbg, SN, 2jts tbg, +NL w/ 30 bbls tbg flush. TIH w/injection pkr assembly, +147jts tbg. Pump 15 bbl pad. Drop SV. Pressure test tbg @ 3000psi for 30min. RU sandline, retireve SV, RD sandline. R/D floor, ND bop's, land tubing on flange. EOT @4618. SDFN - POOH w/93 jts tbg. LD 46 jts tbg, TAC, 3 jts tbg, SN, 2jts tbg, +NL w/ 30 bbls tbg flush. TIH w/injection pkr assembly, +147jts tbg. Pump 15 bbl pad. Drop SV. Pressure test tbg @ 3000psi for 30min. RU sandline,

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Daily Cost: \$0

Cumulative Cost: \$114,381

Pertinent Files: [Go to File List](#)

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-77233
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Water Injection Well		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		8. WELL NAME and NUMBER: MON FED 33-22-8-17
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		9. API NUMBER: 43013315880000
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2295 FSL 1619 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 22 Township: 08.0S Range: 17.0E Meridian: S		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
		COUNTY: DUCHESNE
		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text" value="Put on Injection"/>
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 12/19/2012			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above reference well was put on injection at 1:00 PM on
 12/19/2012. EPA # UT22197-09674

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 January 16, 2013

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A		DATE 12/19/2012



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8

1595 Wynkoop Street
DENVER, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>

DEC 14 2012

Ref: 8P-W-UIC

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Reed Durfey
District Manager
Newfield Production Company
Route 3 - Box 3630
Myton, Utah

Accepted by the
Utah Division of
Oil, Gas and Mining

FOR RECORD ONLY

RE: Underground Injection Control (UIC)
Authorization to Commence Injection
EPA UIC Permit UT20855-09674
Well: Monument Federal 33-22-8-17
NWSE Sec. 22-T8S-R17E
Duchesne County, Utah
API No.: 43-013-31588

Dear Mr. Durfey:

The U.S. Environmental Protection Agency Region 8 has received Newfield Production Company's (Newfield) November 30, 2012, letter with enclosures. The enclosed Part I (internal) Mechanical Integrity test, Well Rework Record (EPA Form 7520-12), schematic diagram and calculated pore pressure were reviewed and approved by the EPA, satisfactorily completing all Prior to Commencing Injection Requirements for UIC Permit UT20855-09674.

As of the date of this letter, Newfield is authorized to commence injection into the Monument Federal 33-22-8-17 well at a Maximum Allowable Injection Pressure (MAIP) of 1,280 psig. You may apply for a higher MAIP at a later date. Your application should be accompanied by the interpreted results of a step rate test that measures the fracture parting pressure and calculates the fracture gradient at this depth and location. Newfield must receive prior authorization from the Director to inject at pressures greater than the permitted MAIP during any test.

As of this approval, responsibility for permit compliance and enforcement is transferred to the EPA's UIC Technical Enforcement Program. Therefore, please direct all monitoring and compliance correspondence to Sarah Roberts at the following address, referencing the well name and UIC Permit number on all correspondence:

RECEIVED

DEC 28 2012

DIV. OF OIL, GAS & MINING

Sarah Roberts
U.S. EPA Region 8: 8ENF-UFO
1595 Wynkoop Street
Denver, Colorado 80202-1129

Or, you may reach Ms. Roberts by telephone at (303) 312-7056 or (800) 227-8927, extension 312-7056. Please remember that it is your responsibility to be aware of, and to comply with, all conditions of injection well Permit UT20855-09674.

If you have questions regarding the above action, please call Emmett Schmitz at (303) 312-6174 or (800) 227-8917, extension 312-6174

Sincerely,



for Derrith R. Watchman-Moore
Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

cc: Uintah & Ouray Business Committee:

Irene Cuch, Chairwoman
Richard Jenks, Jr., Councilman
Frances Poowegup, Councilwoman
Ronald Wopsock, Vice-Chairman
Phillip Chimburas, Councilman
Stewart Pike, Councilman

Johnna Blackhair
BIA - Uintah & Ouray Indian Agency

Mike Natchees
Environmental Coordinator
Ute Indian Tribe

Manual Myore
Director of Energy & Minerals Dept.
Ute Indian Tribe

Associate Director
Utah Division of Oil, Gas, and Mining

Fluid Minerals Engineering Office
BLM - Vernal Office

Eric Sundberg, Regulatory Analyst
Newfield Production Company

RECEIVED

DEC 28 2012

DIV. OF OIL, GAS & MINING



Printed on Recycled Paper

Spud Date: 10-24-96
 Put on Production: 12-3-96
 GL: 5130' KB: 5140'

Monument Federal 33-22-8-17

Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 5 jts (243.90')
 DEPTH LANDED: 253.90'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxx class "G", est 5 bbls cmt to surface

PRODUCTION CASING

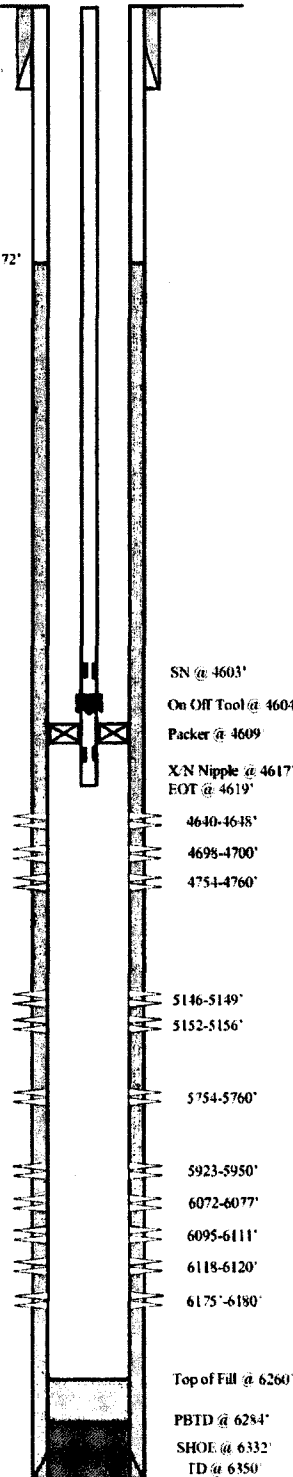
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 149 jts (6321.92')
 DEPTH LANDED: 6331.92'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 260 sx Super G & 485 sx 50-50 Poz
 CEMENT TOP AT: 1372'

TUBING

SIZE-GRADE-WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 147 jts (4593.2')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4603.2' KB
 ON/OFF TOOL AT: 4604.3'
 SEAL NIPPLE AT: 4605.7' KB
 ARROW #1 PACKER CE AT: 4609.07'
 XO 2-3/8 x 2-7/8 J-55 AT: 4612.8'
 TBG PUP 2-3/8 J-55 AT: 4613.3'
 X/N NIPPLE AT: 4617.4'
 TOTAL STRING LENGTH: EOT @ 4619'

FRAC JOB

11-11-96	5923'-5950'	57,660# 16/30 sand & 25,200# 20/40 sand in 5890 gals Viking. Treated w/avg press of 2450 psi w/avg rate of 30.6 BPM. ISIP - 2550 psi.
11-15-96	5754'-5760'	7800# 20/40 sand & 13,920# 16/30 sand in 4109 gals Viking. Treated w/avg press of 3650 psi w/avg rate of 25.3 BPM. ISIP - 2580 psi.
11-19-96	4640'-4760'	48,100# 16/30 sand in 8553 gals Viking. Treated w/avg press of 1800 psi w/avg rate of 36.2 BPM. ISIP - 1950 psi, 5 min 1620 psi.
1-21-02		Tubing leak. Update rod and tubing details.
3/12/04		Tubing leak. Update rod and tubing details.
9/15/04		Tubing leak. Update rod and tubing details.
10/04/07		Pump Change. Updated rod & tubing details.
05/27/08		Updated rod and tubing detail.
11/16/12		Convert to Injection Well.
11/20/12		Conversion MIT Finalized - update tbg detail.



PERFORATION RECORD

11-8-96	5923'-5950'	2 SPF	54 holes
11-14-96	5754'-5760'	4 SPF	24 holes
11-18-96	4640'-4648'	4 SPF	32 holes
11-18-96	4698'-4700'	4 SPF	8 holes
11-18-96	4754'-4760'	4 SPF	24 holes

NEWFIELD

Monument Federal 33-22-8-17

2295 FSL & 1619 FEL

NW/SE Section 22-T8S-R17E

Duchesne Co, Utah

API #43-013-31588; Lease #U-77233